CHAPTER 3

MIGRATION PROCEDURES

Section 3A—OVERVIEW AND SUMMARY.

3.1. Chapter Summary. Chapter 3 describes the three key components supply users need to migrate legacy Standard Base Supply System data to the Air Force Supply Central Database (AFSCDB): NGV301V, NGV301M and the Supply Web Migration Browser. These programs have unique functions:

3.1.1. NGV301V identifies erroneous legacy supply data.

3.1.2. NGV301M builds UNISYS flat files for each legacy record type and then transfers the files to the AFSCDB.

3.1.3. The Supply Web Migration Browser provides a web-based graphical user interface that allows supply personnel to access the AFSCDB to monitor data migrations.

Section 3B—DATA MIGRATION VALIDATION PROGRAM (NGV301V).

3.2. Section Summary . This section provides processing procedures for the NGV301V Supply Data Migration Program.

3.2.1. Purpose. NGV301V validates Standard Base Supply System (SBSS) legacy data prior to migrating legacy data to the AFSCDB.

3.2.2. Program Logic. NGV301V compares selected SBSS legacy records to HQ SSG ILS-developed data validation rules. Supply records that for some reason do not meet NGV301V validation rules will not migrate to the AFSCDB. **Attachment 3B-1**, NGV301V Validation Rules contain a list of legacy records validated by NGV301V and the validation rules for each legacy record.

3.2.3. Special Instructions. NGV301V can be processed against either the primary or secondary system but corrections to erroneous records should be applied to the primary system. NGV301V can be processed as often as needed but at a minimum, should be processed at least weekly. NGV301V is processed as follows:

@START 0GV00000*NGV301M.NGV301V,,,,*<gang>*GV0

NOTE: <gang> is the appropriate gang number

3.2.4. Database Errors. NGV301V produces a report that should be reviewed by Computer Operations personnel. Errors are written to file #GV0<aln>*GV301VUD001 where # is the gang number and <aln> is the base Access Location Number. NGV301V errors should be corrected as soon as possible to ensure only accurate supply data is migrated to the AFSCDB.

3.2.5. Additional NGV301V Documentation. **Attachment 3B-2**, NGV301V Error Messages provides a list of error messages produced by NGV301V. **Attachment 3B-3**, HQ SSG/ILS Corrective Actions for NGV301V Errors provides procedures for correcting NGV301V errors.

Section 3C—SUPPLY RECORDS DOWNLOAD AND TRANSFER (NGV301M).

3.3. Section Summary. This section provides processing procedures for NGV301M Supply Records Download and Transfer Program.

3.3.1. Purpose. NGV301M transfers SBSS legacy records to the UNIX server at Defense Enterprise Computing Center (DECC) Oklahoma City that hosts the AFSCDB. **Attachment 3C-1**, NGV301M Downloaded Record Codes provides a list of records downloaded and transferred by NGV301M to the AFSCDB UNIX server.

3.3.2. Program Logic. NGV301M builds UNISYS flat files containing supply legacy data for selected SBSS legacy records. NGV301M then transfers the flat files using File Transfer Protocol (FTP) to the AFSCDB server at DECC Oklahoma City. NGV301M uses the same data validation rules used by NGV301V to ensure only accurate legacy supply data is migrated to the AFSCDB.

3.3.3. Special Instructions. With the exception of transaction history records, NGV301M-DR downloads selected supply records from the secondary database. Processing NGV301M-DR against the primary database (e.g., 1GV0) will download all 704 Consolidated Transaction History (CTH) records plus selected supply records from the secondary database. Processing NGV301M-DR against the secondary database (e.g., 5GV0) will download the current day's 704 records only plus selected supply records from the secondary database. NGV301M-DR must be processed daily after crossover has completed and the D37 has come to a good end of job. NGV301M-DR is processed as follows:

@START 0GV00000*NGV301M.NGV301M-DR,,,,<gang>GV0

NOTE: <gang> is the appropriate gang number

3.3.4. NGV301M Setup. Prior to processing NGV301M-DR, a new element in file 0GV00000*NGV301M must be created for each ALN. To create the element, open 0GV00000*NGV301M.SGS-TXFR and make changes to the following entries:

HOST ‘’###-###-###-###”	Note 1, 5, 6, 7
PATH /h/gv/<*release*>/migr/	Note 2, 5, 6, 7
USER *xxxxxx*	Note 3, 5, 6, 7
PASS *xxxxxx*	Note 4, 5, 6, 7

Note 1: HOST ’’###-###-###-###’’ is the IP address of the UNIX server where the UNISYS flat files created by NGV301M-DR will be sent via FTP.

NOTE 2: PATH is the directory where files created by NGV301M-DR processing will be transferred on the UNIX server for upload into the AFSCDB.

NOTE 3: USER is the login id for the FTP transfer on the UNIX server.

NOTE 4: PASS is the password for the login id of the FTP transfer on the UNIX server.

NOTE 5: HOST, PATH, USER, and PASS are constants.

NOTE 6: PATH, USER, and PASS are case sensitive. FTP transfers will fail if case does not match the settings on the UNIX server.

NOTE 7: Settings for HOST, PATH, USER, and PASS should be requested from the UNIX server administrator at DECC Oklahoma City.

3.3.4.1. Save the changes as 0GV00000*NGV301M.SGS-TXFR/<*aln*><*Primary*

gang>. For example, "0GV00000*NGV301M.SGS-TXR/9800G1". Bases must create this element for their ALN prior to starting NGV301M-DR.

3.3.4.2. An update to each 0GV00000*NGV301M.SGS-TXFR/<aln><Primary gang> previously created will be required with any change to HOST, PATH, and/or PASS on the UNIX server. If this change is not reflected in EACH 0GV00000*NGV301M.SGS-TXFR/<aln><Primary gang> file, bases will experience FTP failures during NGV301M-DR processing.

3.3.5. Database Errors. NGV301M-DR produces a Download and Transfer Log File that provides record counts for downloaded records. The file also shows the file transfer of each record. Computer Operations personnel should review the log file to ensure legacy records are downloaded and successfully transferred to the AFSCDB. The log file is #GV0<aln>*GV301MUD802 where # is the gang number and <aln> is the base Access Location Number.

3.3.6. Special Options. There are several special options of NGV301M. These options are described below:

3.3.6.1. NGV301M-MD (Partial Flat File Download and Transfer). NGV301M-MD's primary purpose is to manually download and transfer to the AFSCDB a previous day's 704-CT-HISTORY data. NGV301M-MD provides the capability to download and transfer one or more UNISYS flat files that did not download as a result of database problems during NGV301M-DR processing. Before using NGV301M-MD to download and transfer 704-CT-HISTORY from any previous day's business, bases should follow the process below:

3.3.6.1.1. Execute NGV301M-DR.

3.3.6.1.2. Allow the normal daily data migration upload to finish completely.

3.3.6.1.3. Change the 002-ORDINAL-DATE on the secondary (gang 5) to the date that will be recovered.

3.3.6.1.4. NGV301M-MD will read this date and download ONLY those 704 records that meet that 002-ORDINAL-DATE.

3.3.6.1.5. Contact HQ SSG field assistance branch if you have questions about this recovery process or NGV301M.

To process NGV301M-MD, complete the following actions:

>@QUAL <Secondary gang>GV0<aln>

Example: @QUAL 5GV09012

>@ADD 0GV00000*NGV301M.NGV301M-MD

After receiving back a SOE sign enter the record numbers to be downloaded and transferred. For example, the command below will download and transfer record types 001, 002 and 003.

>RCD 001,002,003 <xmit>

>@ <xmit>

NOTE: The @ command will start the manual download and

transfer process. The run-id should be:

<Secondary gang>GV<first record number entered>

3.3.6.2. NGV301M-TO (Manual Flat File Transfer without Download). NGV301M-TO provides the capability to manually transfer one or more UNISYS flat files that did not transfer to the UNIX database server (e.g., server problems, FTP failures, etc.) during NGV301M-DR or NGV301M-MD processing. Do not process NGV301M-TO unless UNISYS flat file transfer errors were encountered during a NGV301M-DR or NGV301M-MD processing.

To process NGV301M-TO, complete the following actions:

@QUAL <Primary/Secondary gang>GV0<aln>

Example: @QUAL 5GV09012

>@ADD 0GV00000*NGV301M.NGV301M-TO

After receiving back a SOE sign enter the record number, applicable group (1-4), or all records to be transferred. The following example will transfer

001 record:

>REC 001 <xmit>

>@ <xmit>

NOTE: The @ command will start the manual transfer process.

The following example will transfer 001, 002, 003 records:

>@QUAL <Primary/Secondary gang>GV0<aln> <xmit>

>@ADD 0GV00000*NGV301M.NGV301M-TO <xmit>

>REC 001 <xmit>

>REC 002 <xmit>

>REC 003 <xmit>

>@ <xmit>

The following example will transfer initial group 1 related records:

>@QUAL <Primary/Secondary gang>GV0<aln> <xmit>

>@ADD 0GV00000*NGV301M.NGV301M-TO <xmit>

>@ADD 0GV00000*NGV301M.SGS-GRP1-I <xmit>

>@ <xmit>

NOTE: The @ command will start the manual transfer process.

The following example will transfer daily group 2 related records:

>@QUAL <Primary/Secondary gang>GV0<aln> <xmit>

>@ADD 0GV00000*NGV301M.NGV301M-TO <xmit>

>@ADD 0GV00000*NGV301M.SGS-GRP2-D <xmit>

>@ <xmit>

NOTE: The @ command will start the manual transfer process.

The following example will transfer all records:

>@QUAL <Primary/Secondary gang>GV0<aln> <xmit>

>@ADD 0GV00000*NGV301M.NGV301M-TO <xmit>

>@ADD 0GV00000*NGV301M.SGS-GRP-ALL <xmit>

>@ <xmit>

NOTE: The @ command will start the manual transfer process.

3.3.6.3. NGV301M-LT (Manual 701 Count File Transfer). NGV301M-LT provides capability to manually transfer the #GV0<aln>*GV301MUD701 count file to the UNIX database server in the event the transfer of this file failed during NGV301M-DR, NGV301M-MD or NGV301M-TO processing. Do not process NGV301M-LT unless the GV301MUD701 count file did not transfer to the UNIX database server successfully during an NGV301M-DR, NGV301M-MD, or NGV301M-TO processing. To process NGV301M-LT, complete the following actions:

>@QUAL </Primary/Secondary Gang>GV0

Example: @QUAL 5GV09012

>@ADD 0GV00000*NGV301M.NGV301M-LT

3.4. Upload to AFSCDB (Phase II of Daily Legacy Data Migration). The upload of data into the AFSCDB consists of several processes.

3.4.1. First, before new data is uploaded into the AFSCDB, existing data is deleted (truncated). All normal supply records are deleted/truncated with the exception of 704 records. 704 records are truncated only if NGV301M-DR was processed on the primary. Recall all 704 records are downloaded and transferred to the AFSCDB server when processing NGV301M-DR against the primary. Only current day 704 records are downloaded and transferred when processing NGV301M-DR against the secondary. Therefore, if NGV301M-DR is processed against the secondary, then the 704 records are not truncated in the AFSCDB – instead, the new records are "appended" to the existing 704 data.

3.4.2. Second, a program (UNIX CRON) residing on the AFSCDB UNIX server automatically uploads new files from ALN/gangs as a result of NGV301M-DR processing into the AFSCDB. Currently, the CRON at DECC Oklahoma City is setup to "look" for files from 0100 to 2330 hours in 45 minute increments. In other words, beginning at 0100 hours, the CRON will scan the UNIX server for new files for every ALN/gang. The scan is performed every 45 minutes. Once new files are found, the files are then "uploaded" (migrated) into the AFSCDB. Bases should contact the AFSCDB UNIX server Administrator to change the scheduled CRON processing times (i.e. from 45 minutes to 30 minutes, etc.) if a change is necessary.

3.4.3. The Supply Web Migration Browser can be used to monitor the progress of legacy data migrations to the AFSCDB. The web browser provides the capability to "connect" to the AFSCDB to check download and transfer logs, check migration status, analyze migration reports, extract data error information from error logs, manually restart an upload, or manually upload a 704-CT-HIS-

TORY flat file. **Section 3C**, Supply Web Migration Procedures provides detailed information about the Supply Web Browser and it's capabilities.

Section 3D—SUPPLY WEB MIGRATION PROCEDURES.

3.5. Section Summary. This section provides procedures for using the Supply Web Browser to monitor daily migrations to the AFSCDB.

3.5.1. Web Migration Features. The Supply Web Browser provides the capability to:

3.5.1.1. Start the migration (upload) of supply data to the AFSCDB manually

3.5.1.2. Monitor the progress of migrations

3.5.1.3. View migration errors

3.5.1.4. View migration statistics

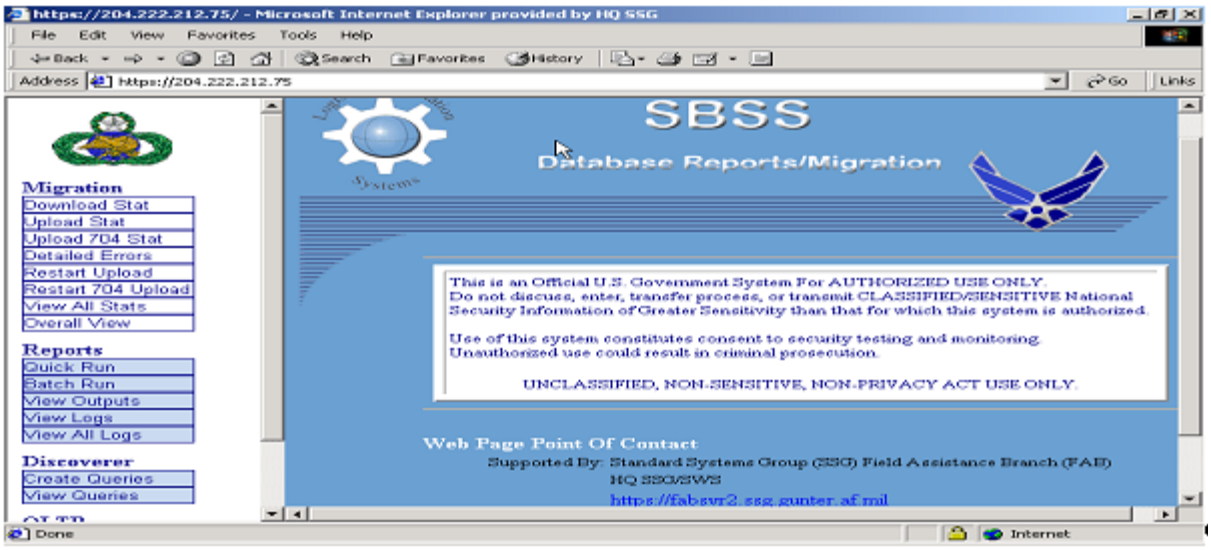
3.5.2. Web Migration Combinations. There are various web migration combinations. The combination determines the various menu options displayed to the web user. **Table 3.1.** displays the table combinations.

Table 3.1. Web Migration Combinations.

SETUP	MIGRATION	REPORTS
All	All Migration Options	All Reports Options
Migration	All Migration Options	N/A
Reports	N/A	All Report Options
ViewReports	N/A	View Outputs Option

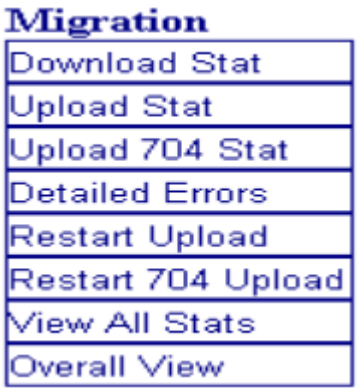
3.5.3. Content Frame. The screens in the example below are based on a user who can view and execute all menu options. The Content Frame displays the results of certain menu selections. The Welcome Screen is the default page for the Content Frame. The Welcome Menu Option displays the Welcome Screen. **Figure 3.1.** provides an example of the Web Welcome Screen.

Figure 3.1. Web Welcome Screen.



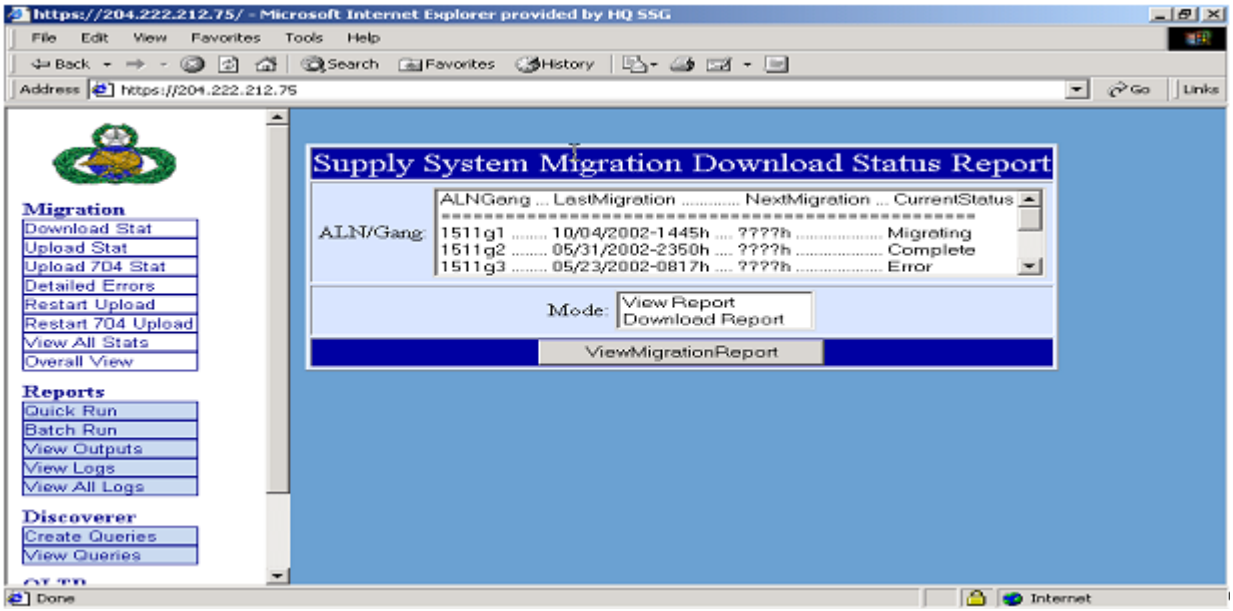
3.6. Web Migration Menu Options. The Supply Web Migration has eight main menu suboptions as displayed in **Figure 3.2.**

Figure 3.2. Web Migration Options.



3.6.1. Download Stat displays the Download Status Report File. The status report file is generated whenever a download is initiated by processing NGV301M. An example of the Download Stat screen is displayed in **Figure 3.3.**

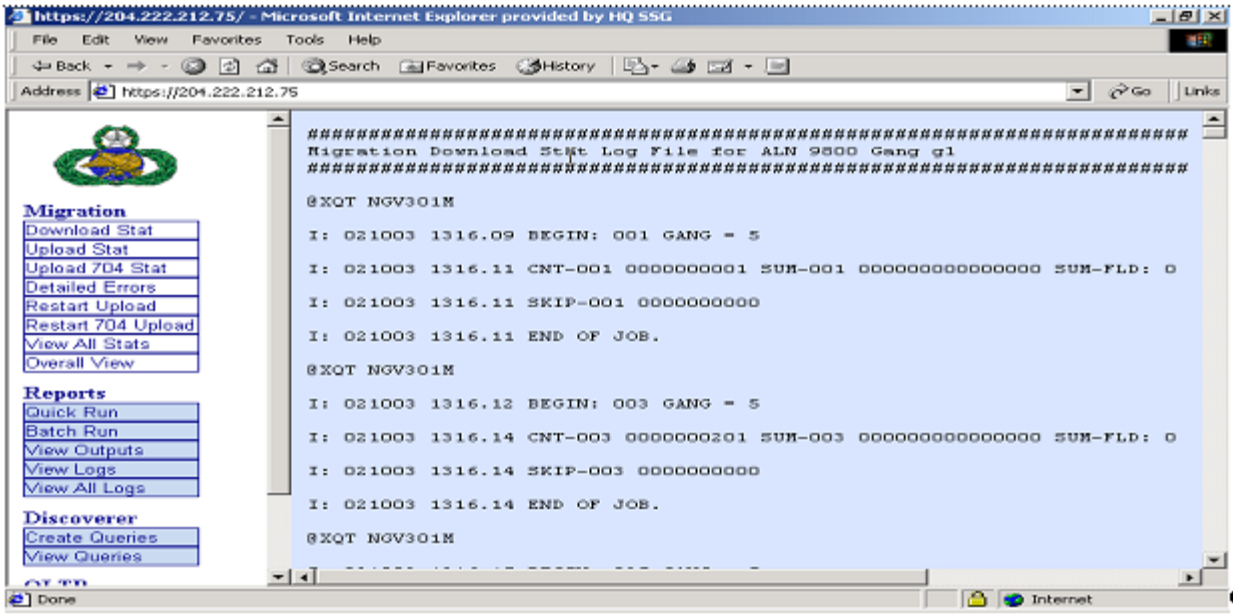
Figure 3.3. Download Status Report.



3.6.1.1. The Download Stat Screen displays information such as Time of Last Migration for ALN/Gang, Time of Next Migration for ALN/Gang and the current status of ALN/Gang.

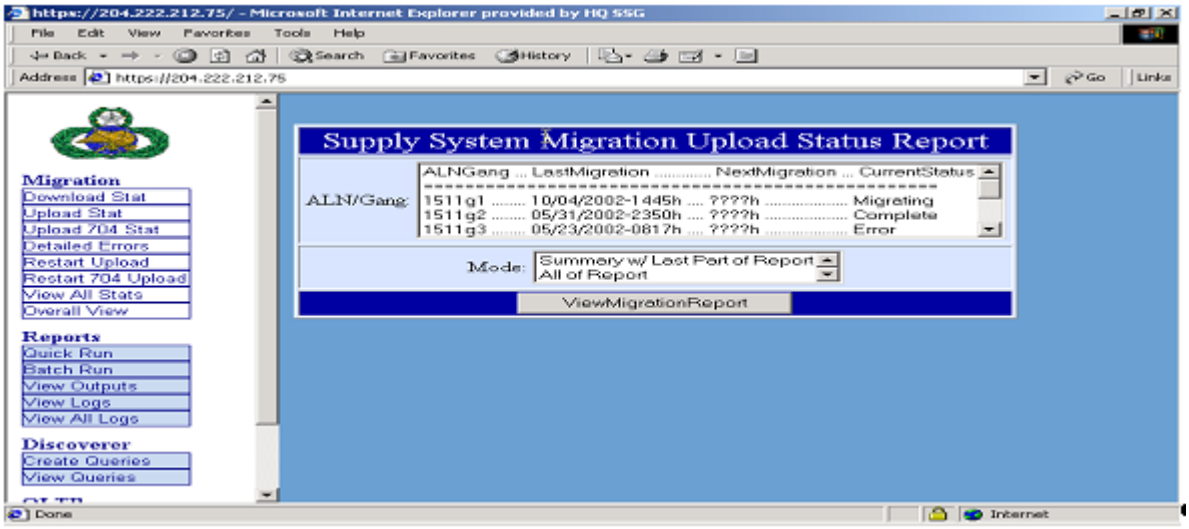
3.6.1.2. The download status report file is a text file and can be lengthy. Bases can either view the report or download the report by choosing the appropriate ALN/Gang and then the appropriate report option. **Figure 3.4.** displays an example of View Report.

Figure 3.4. Download Stat - View All of Report



3.6.2. The second option, Upload Stat, displays the Upload Status Report File. The status report file is generated whenever an Oracle migration upload is initiated to upload supply data to the AFSCDB. **Figure 3.5.** displays an example of the Upload Status Report.

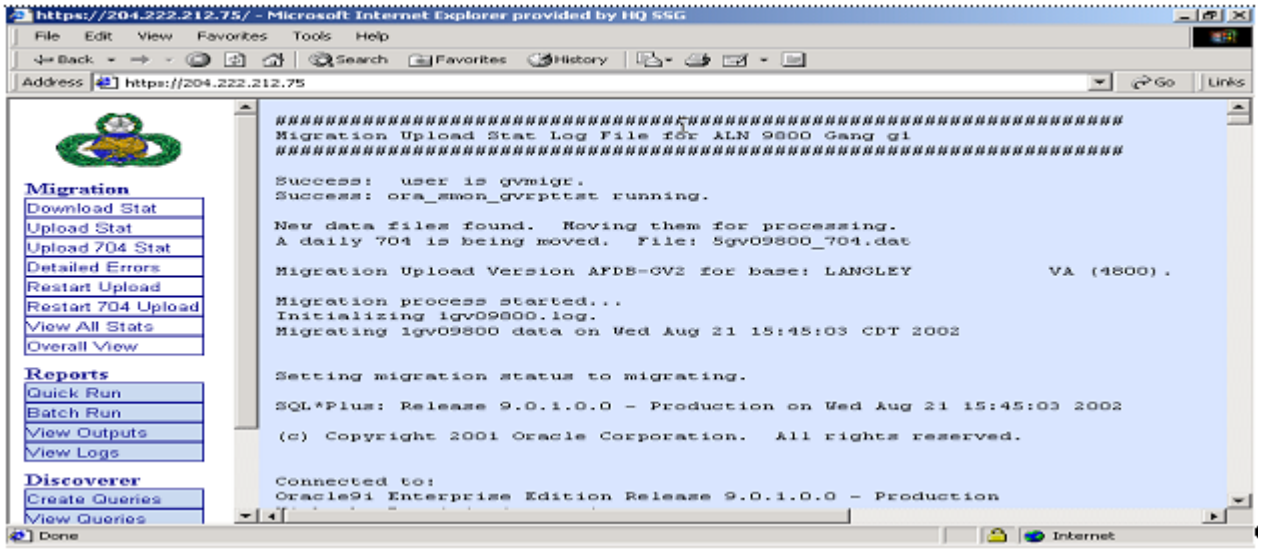
Figure 3.5. Upload Status Report



3.6.2.1. The Upload Status Report provides information about individual ALN/Gang migrations. For example, the time of Last Migration for ALN/Gang, time of Next migration for ALN/Gang and status of ALN/Gang.

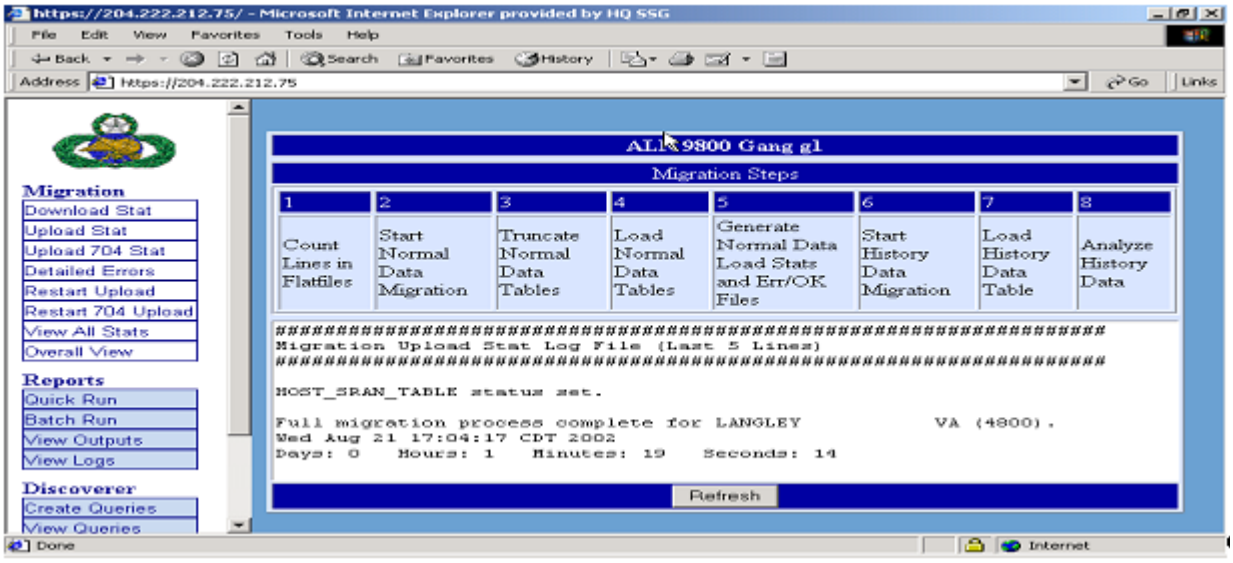
3.6.2.2. The upload status report file is also a text file and can be lengthy. Bases can either view a summary (the last part of the report) or all of the report. **Figure 3.6.** displays an example of All of Report.

Figure 3.6. Upload Stat – All of Report.



3.6.2.3. **Figure 3.7.** displays an example of the screen when Last Part of the Report is chosen.
Figure 3.7. Upload Stat – Last Part of the Report

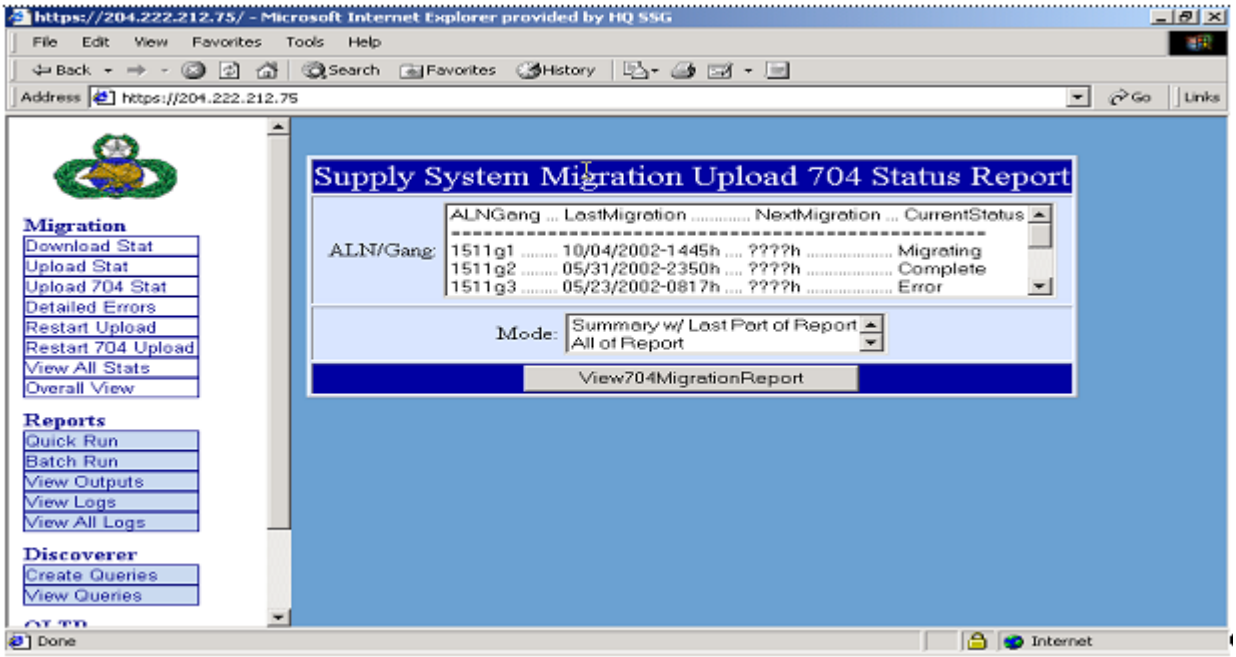
Figure 3.7. Upload Stat – Last Part of the Report.



3.6.2.4. This report may be viewed even while an Oracle migration upload is processing. The report is a good progress indicator of the migration itself. Color-coded steps indicate how far the migration has progressed. To obtain the most recent status, bring the report up as normal and click the Refresh button.

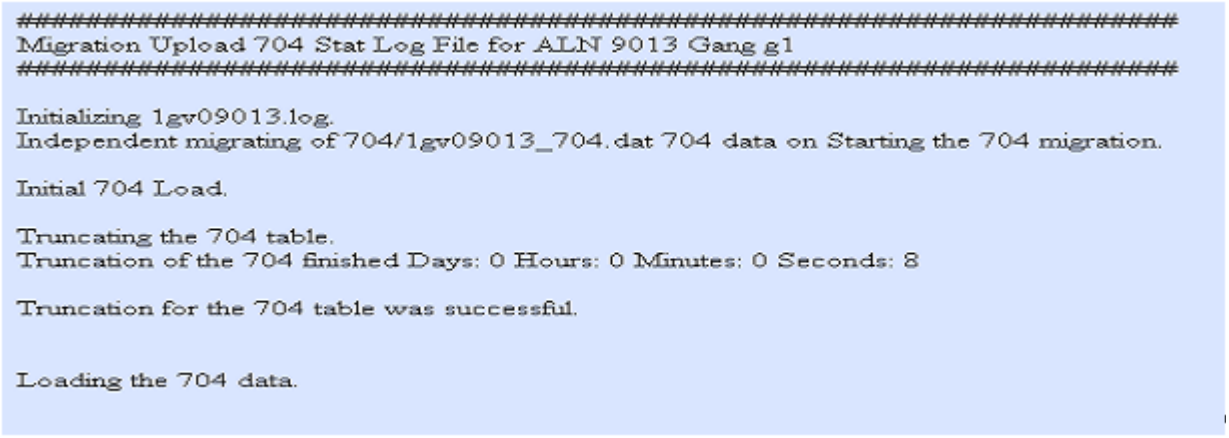
3.6.3. The third option Upload 704 Stat displays the 704/Consolidated Transaction History Upload Status Report File. The status report file is generated whenever migration of just the 704 history transactions is initiated to the AFSCDB. **Figure 3.8.** displays an example of the 704 Upload Status Report.

Figure 3.8. Upload 704 Status Report.



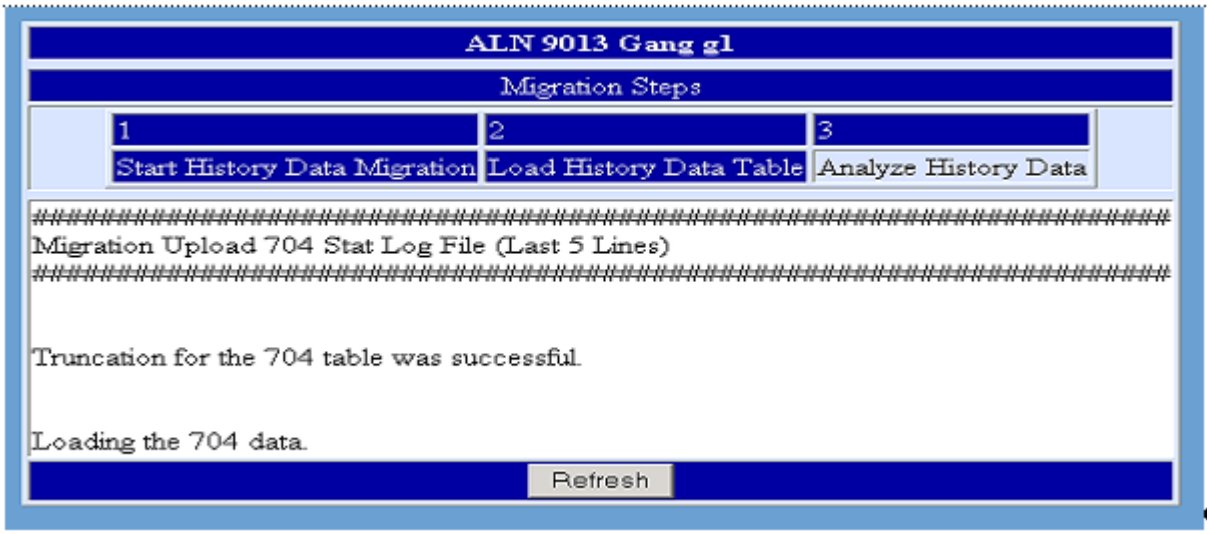
3.6.3.1. This report also allows users to view All of Report or just a summary. **Figure 3.9.** provides an example of All of Report.

Figure 3.9. Upload 704 Status Report – All of Report.



3.6.3.2. Note in **Figure 3.9.** the upload truncates (deletes) all data in the 704 table before uploading new 704 data. **Figure 3.10.** provides an example of the Last Part of Report.

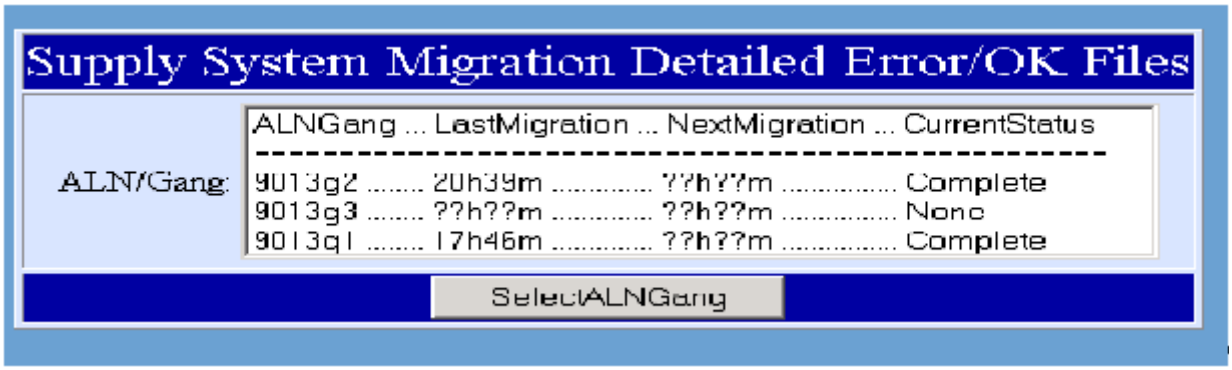
Figure 3.10. Upload Status Report – Last Part of Report.



3.6.3.3. This report may be viewed while an 704/consolidated history migration upload is processing. Color-coded steps again indicate how far the 704/consolidated history migration has progressed. To refresh, bring the report up as normal and click the Refresh button.

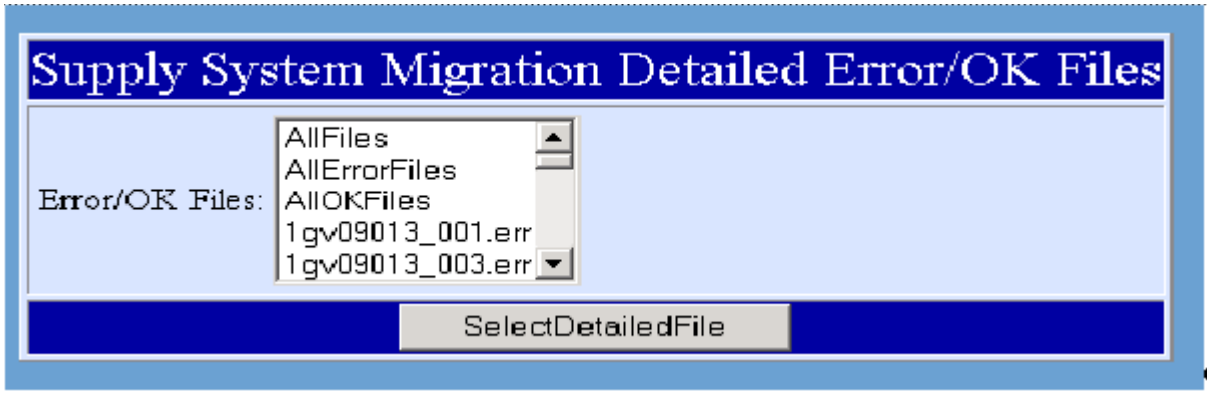
3.6.4. The fourth option, Detailed Errors, displays the migration Error/OK Files. The detailed error/ok log files are generated whenever an Oracle migration is initiated. These detailed error/ok log files are for each table in the AFSCDB. **Figure 3.11.** provides an example of the Detailed Error/OK files screen.

Figure 3.11. Detailed Error/OK Files.



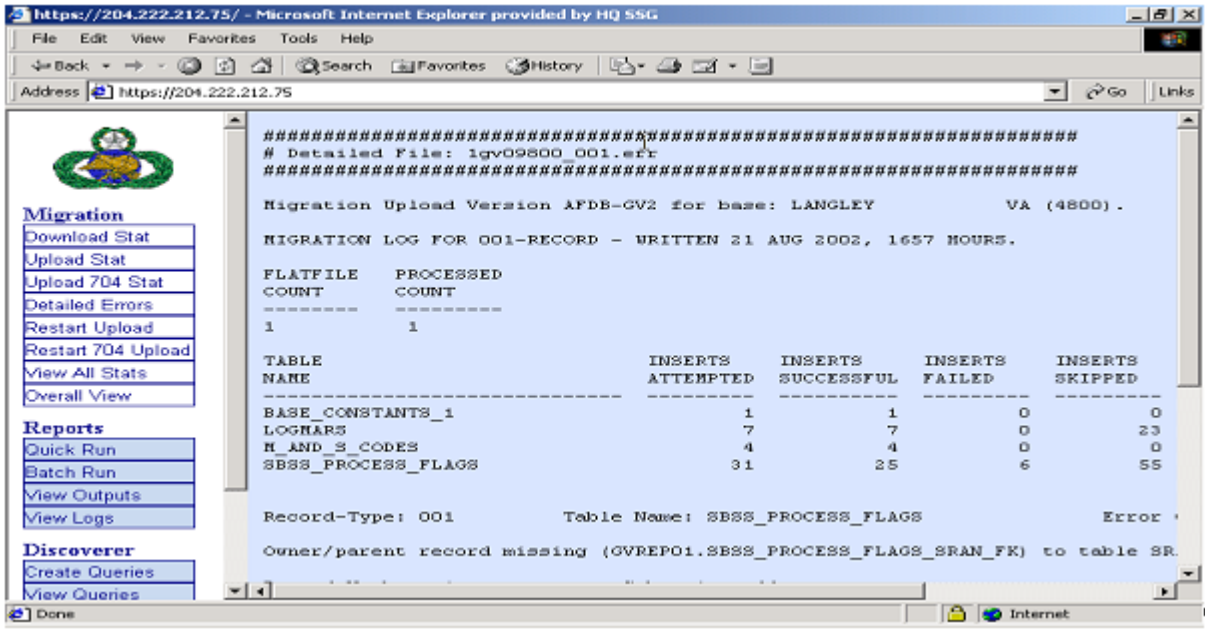
3.6.4.1. A detailed error "Error" log file is generated when a table is loaded with errors. A detailed error "OK" log file is generated when a table is loaded without errors. Additional information is displayed such as the Time of Last Migration for ALN/Gang, Time of Next migration for ALN/Gang and Status of ALN/Gang. Selecting a particular ALN/Gang will display a list of Error/OK files. **Figure 3.12.** provides an example.

Figure 3.12. Detailed Error/OK Files.



3.6.4.2. To display a specific Error/OK file, select a file from the list box. The appropriate Error/OK log file is displayed in the Content Frame. **Figure 3.13.** provides an example.

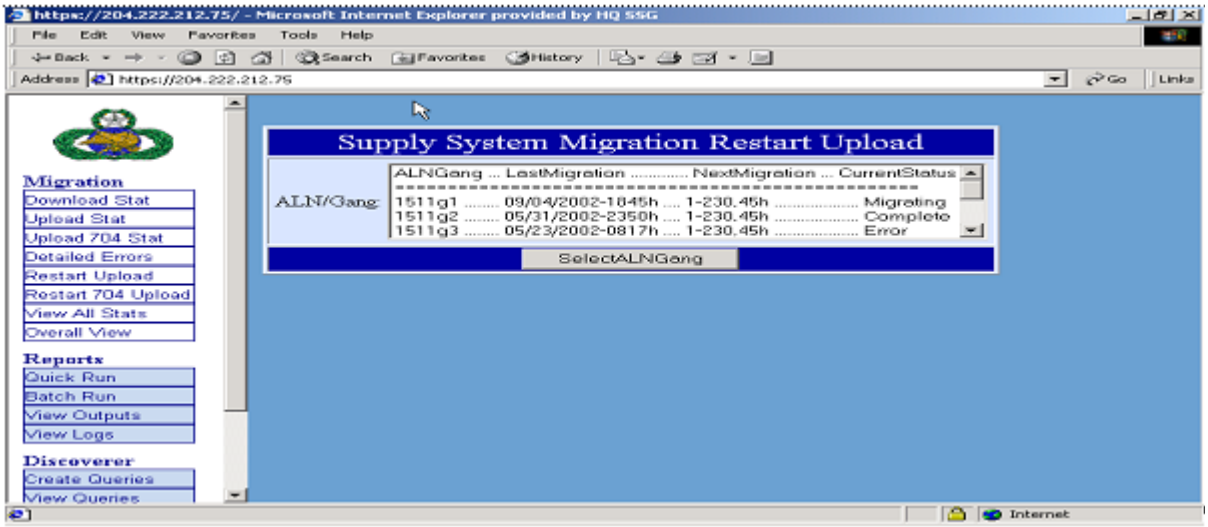
Figure 3.13. Example Error/OK File.



3.6.4.3. Three types of error files are available: AllFiles, AllErrorFiles or AllOKFiles.

3.6.5. The fifth option, Restart Upload, will start the upload migration for a particular ALN and Gang. Restarting an upload initiates the upload for ALL record types downloaded as part of NGV301M-DR processing regardless of whether or not data in the flat files residing on the UNIX server have changed since the last upload. **Figure 3.14.** provides an example of the Restart Upload screen.

Figure 3.14. Restart Upload.

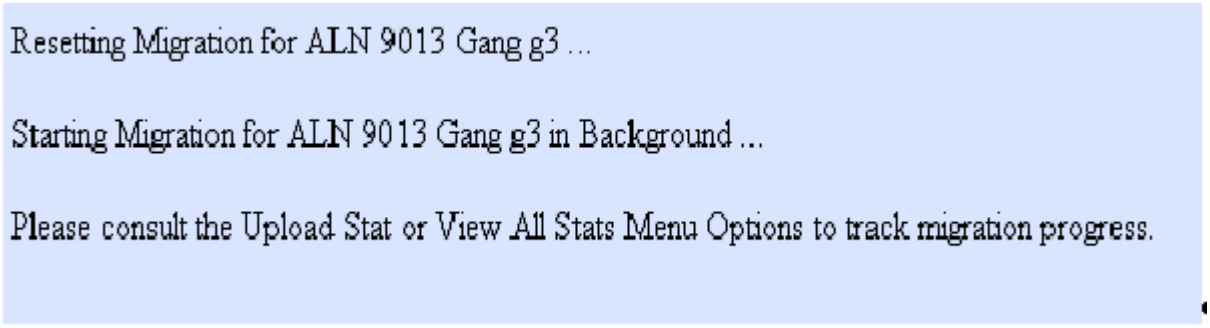


3.6.5.1. The screen displays information such as the Time of Last Migration for ALN/Gang, the Time of Next Migration for ALN/Gang and the Status of ALN/Gang.

3.6.5.2. The restart of an upload includes any full or daily 704-CT-HISTORY data last transferred to the UNIX database server. This option should only be executed if a previous migration upload has abnormally ended or the data in the secondary database for the ALN/Gang has changed with the intent to reflect those changes in the AFSCDB.

3.6.5.3. Once ALN/Gang is chosen, a migration restart will commence and a short confirmation message will be displayed in the Content Frame stating that progress of the migration can be seen via selecting the Upload Stat menu option or the View All Status menu option. **Figure 3.15.** provides an example.

Figure 3.15. Restart Upload – Confirmation Message.



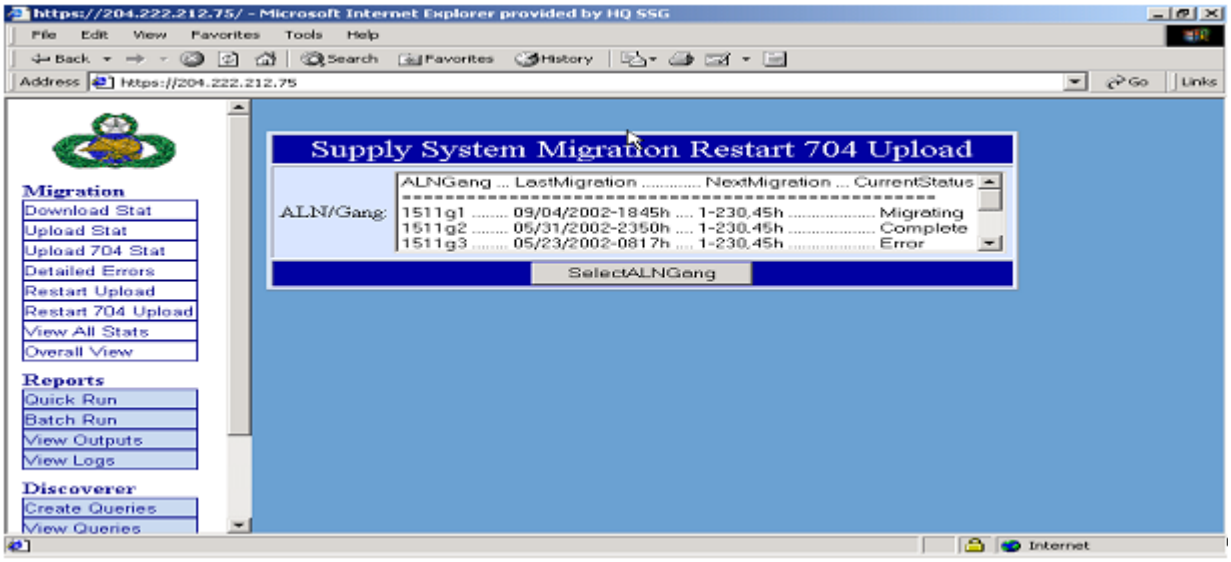
3.6.6. The sixth option, Restart 704 Upload, starts the upload migration for the 704/Consolidated Transaction History for a particular ALN and Gang. Restarting a 704 upload initiates the upload of data for only the 704-CT-HISTORY record type downloaded by NGV301M-DR or NGV301M-MD processing. Restart 704 Upload processing will not upload data for any other record type.

3.6.6.1. This option is primarily intended for an independent, manually controlled upload of a day of missed "daily" history data. It can be used, however, to completely replace accumulated history data in the modern Reports database with a current, "full" history downloaded from the legacy database represented by the ALN/Gang.

3.6.6.2. The 704 Upload program automatically differentiates receipt of a "daily" history flat file vs. a "full" history flat file and will execute regardless of whether or not data in the 704 flat file residing on the UNIX database server at that time has changed since.

3.6.6.3. This option should be executed only if one or more days of 704-CT-HISTORY could not be uploaded into the modern Reports database due to data migration problems AND there is no need to upload data from any other record type. **Figure 3.16.** provides an example of the Restart 704 Upload screen.

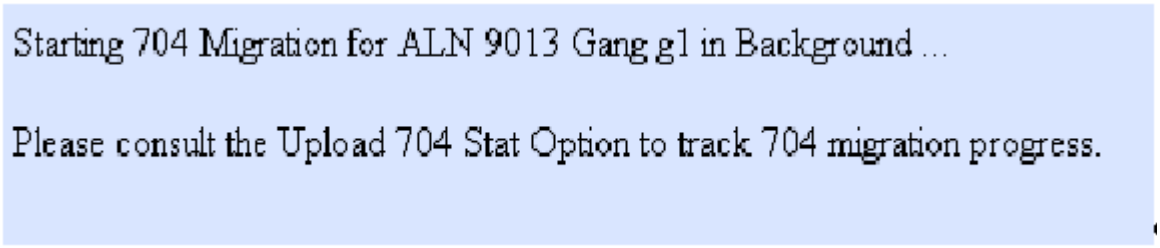
Figure 3.16. Restart 704 Upload.



3.6.6.4. This screen displays information such as the Time of Last Migration for ALN/Gang, the Time of Next migration for ALN/Gang and the Status of ALN/Gang.

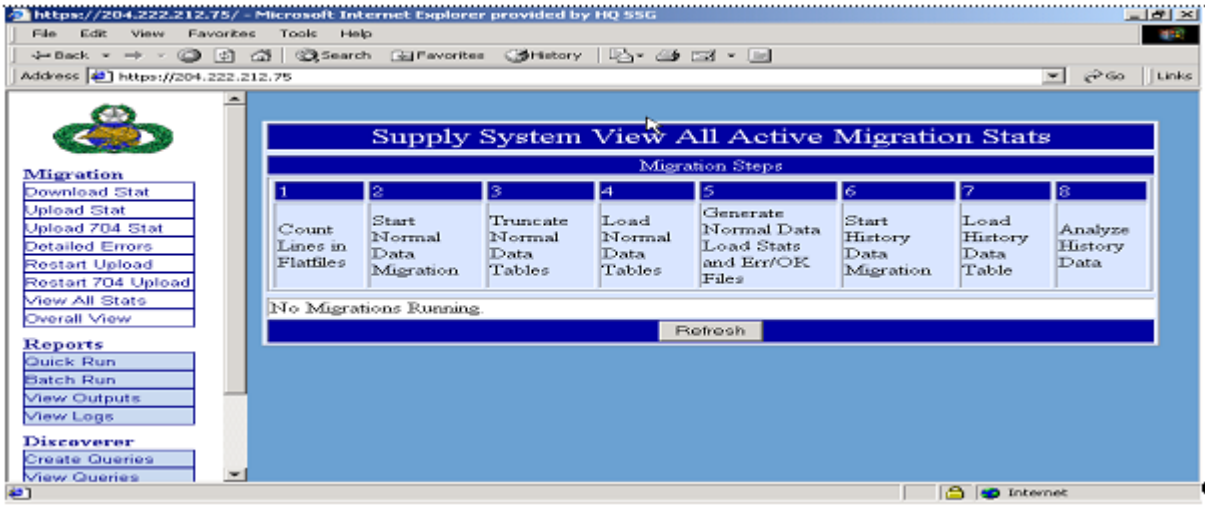
3.6.6.5. Once ALN/Gang is chosen, 704/Consolidated Transaction History migration restart will commence and a short confirmation message will be displayed in the Content Frame stating that progress of the migration can be seen via selecting the Upload 704 Stat menu option (discussed earlier). **Figure 3.17.** provides an example.

Figure 3.17. Restart 704 Upload – Confirmation Message.



3.6.7. The seventh option, View All Stats, displays the View All Active Migration Stats screen. **Figure 3.18.** provides an example.

Figure 3.18. View All Active Migration Stats.



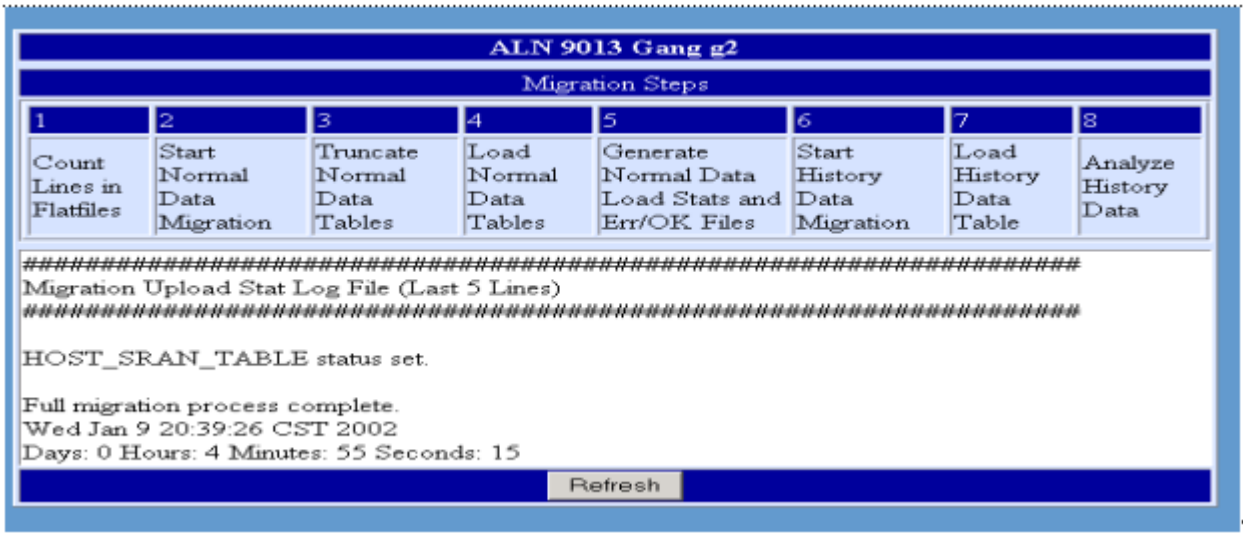
3.6.7.1. This screen provides status information for more than one ALN/Gang. The screen will also display a combined status report in the Content Frame of all the active migration uploads currently in progress. Refresh the screen to obtain the latest combined active migration status.

3.6.8. The eighth and final option, Overall View, displays the Overall View of Migrations screen. **Figure 3.19.** provides an example.

Figure 3.19. Overall View of Migrations.

3.6.8.1. This screen provides graphical status information for more than one ALN/Gang. This screen is used to display a combined, graphical overall report in the full browser window of all the non-active and active Oracle migration uploads currently in progress. For each marked AF installation, the name of the AF Installation can be viewed by simply moving the mouse over the mark. Selecting the mark will display the Migration Upload Stat Report - Last Part of Report screen. **Figure 3.20.** provides another example.

Figure 3.20. View All Migrations – Migration Upload Stat Report.



ATTACHMENT 3A-1

RESERVED

3A1.1. Reserved For Future Use.

ATTACHMENT 3B-1

NGV301V – VALIDATION RULES

3B1.1. Overview. The following information contains validation rules for NGV 301V.

Table 3B1.1. Validation Rules.

TYPE	RECORD NAME	DMS/2200 VALIDATION RULES	MSG #
001	BASE-CONSTANTS-1	CSB-SD/CSB-RID/CSB-SRAN should have matching SYS-DESIG/RID/SRAN in 106-SYSTEM-DESIGNATOR.	11
		SAT-SD/SAT-RID/SAT-SRAN should have matching SYS-DESIG/RID/SRAN in 106-SYSTEM-DESIGNATOR.	11
		MAJCOM-CODE should have matching MAJCOM-CODE for ORG-CODE '001' in 516-ORG-COST-CENTER-000-099.	48
		LOG-SD should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If CSB-STOCK-REPL-REQN (1st occurrence) is initialized and not blank, CSB-PRI-GP1-REQN (1st occurrence only), CSB-PRI-GP2-REQN (1st occurrence only), and CSB-PRI-GP3-REQN (1st occurrence only) must all be initialized and not blank.	45
		CSB-STOCK-REPL-REQN (1st occurrence only) should be initialized and not blank.	45
003	EXCEPTION_ PHRASES	SYS-DESIG/EXCEPTION-CODE should match CALC-KEY.	19
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
007	ROUTING-IDENTIFIER	RID/SYS-DESIG should match CALC-KEY.	19
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		SYS-DESIG/STATUS-CODE should be unique.	27
008	SRD-RECORD	SRD should be initialized and not blank.	46
		SRD should contain 3 alphanumeric characters, but no special characters.	46
		MICAP-FLAG should be 'Y' or 'N'.	47
014	BASE-CONSTANTS-2	SYS-DESIG/FUNCTION-NBR should match CALC-KEY.	19
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If not I-O-PID=999XX, I-O-PID should be unique.	27
		If not I-O-PID=999XX, I-O-PID and PID-NUMBER in 021-PID-HEADER owner should match.	22
017	ITEM-WHSE-LOCATION	SYS-DESIG /WAREHOUSE-LOCATION should match CALC-KEY.	19

		101-ITEM-RECORD owner should own no more than one 017-ITEM-WHSE-LOCATION record. (This record should be the only one in the set).	
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
022	COST-RECORD	SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If position 7 of CALC-KEY in (‘L’, ‘P’, ‘S’, ‘X’) or (position 7 of CALC-KEY is numeric and position 16 = ‘-‘), then positions 1-2 of CALC-KEY/positions 7-17 of CALC-KEY and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; OTHERWISE, if position 7 of CALC-KEY in (‘K’, ‘N’) or position 7 of CALC-KEY is numeric, then positions 1-2 of CALC-KEY/positions 7-15 of CALC-KEY and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	17
025	MRSP-IRSP-CONTROL	SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		SYS-DESIG (positions 1-2 of CALC-KEY) should match between all children of a 024-MRSP-IRSP-SERIAL-NUMBER owner.	
		If ORG-CODE (positions 12-14 of CALC-KEY) < 100, ORG-CODE (positions 12-14 of CALC-KEY) should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE (positions 12-14 of CALC-KEY) >= 100, SYS-DESIG/ORG-CODE (positions 12-14 of CALC-KEY) should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
031	DIRECT-DELIVERY-HEADER	SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
101	ITEM-RECORD	101-SD-1/101-SD-2 and positions 1-2 of CALC-KEY should match.	19
		101-SD-1/101-SD-2 should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		FEDERAL-SUPPLY-CLASS (positions 1-4 of STOCK-NUMBER) should have matching FEDERAL-SUPPLY-CLASS in 004-FSC.	23
		If ISG-NBR is not null, SYS-DESIG/ISG-NBR should have matching SYS-DESIG/ISG-NBR in 105-ISG-RECORD.	24
		If ALPHA-CHK in (‘L’, ‘P’, ‘S’, ‘X’) or (ALPHA-CHK is numeric and position 1 of MMC = ‘1’), then SYS-DESIG/positions 5-15 of STOCK-NUMBER must be unique; OTHERWISE, if ALPHA-CHK in (‘K’, ‘N’) or ALPHA-CHK is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER must be unique.	27

		If ISG-NBR is not null, SYS-DESIG/ISG-NBR/ALPHA-CHK/NIIN-2/[MMC]/RELATIONSHIP-CODE/ISG-SOURCE-CODE/PARTS-PREFERENCE-CODE should have matching SYS-DESIG/ISG-NBR/positions 5-15 of STOCK-NUMBER/RELATIONSHIP-CODE/ISG-SOURCE-CODE (position 1 of 105-ORDER-OF-USE)/PARTS-PREFERENCE-CODE (position 2 of 105-ORDER-OF-USE) in 105-ISG-RECORD. Note: [MMC] indicates that if ALPHA-CHK is in (‘L’, ‘P’, ‘S’, ‘X’) or (ALPHA-CHK is numeric and position 1 of MMC = ‘-‘), then MMC of the 101-ITEM-RECORD is included and positions 5-15 of the 105-STOCK-NUMBER is the comparison; otherwise, if ALPHA-CHK in (‘K’, ‘N’) or ALPHA-CHK is numeric, then MMC of the 101-ITEM-RECORD is NOT included and the comparison is made to only positions 5-13 of 105-STOCK-NUMBER.	24
		If 5th position of STOCK-NUMBER is number, the STOCK-NUMBER is NSN format. For NSN format STOCK-NUMBER, the NIIN (positions 5-13 of STOCK-NUMBER) should have the same FEDERAL-SUPPLY-CLASS (positions 1-4 of STOCK-NUMBER) and MMC (positions 14-15 of STOCK-NUMBER) across all SYS-DESIG (system designators).	32
		101-ITEM-RECORD owner should own no more than one 017-ITEM-WHSE-LOCATION record. (This record should be the only one in the set).	30
102	REPAIR-CYCLE	SYS-DESIG/STOCK-NUMBER should match CALC-KEY.	19
		SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If position 5 of STOCK-NUMBER in (‘L’, ‘P’, ‘S’, ‘X’) or (position 5 of STOCK-NUMBER is numeric and position 14 = ‘-‘), then SYS-DESIG/positions 5-15 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; otherwise, if position 5 of STOCK-NUMBER in (‘K’, ‘N’) or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	25
105	ISG-RECORD	SYS-DESIG/ISG-NBR should match CALC-KEY.	19
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		STOCK-NUMBER in this record should also be a member via ISG-ITEM set and vice-versa.	35
		101-ITEM-RECORD SYS-DESIG/STOCK-NUMBER/ISG-NBR should have matching 105-SYS-DESIG/STOCK-NUMBER/ISG-NBR.	
106	SYSTEM-DESIGNATOR	SYS-DESIG values in (01, A1-A9, B0-B9, and C0-C9).	11
		SYS-DESIG should be unique.	27
		If SYS-DESIG = 01, SYS-DESIG/RID/SRAN should have matching CSB-SD/CSB/RID/CSB-SRAN in 001-BASE-CONSTANTS-1.	36

		If SYS-DESIG <> 01, SYS-DESIG/RID/SRAN should have matching SAT-SD/SAT-RID/SAT-SRAN in 001-BASE-CONSTANTS-1.	36
		If SYS-DESIG in (‘A1’ thru ‘A9’), there should be a corresponding ORG-CODE (‘041’ thru ‘049’), respectively, in 516-ORG-COST-CENTER-000-099. If SYS-DESIG in (‘B0’ thru ‘B9’), there should be a corresponding ORG-CODE (‘050’ thru ‘059’), respectively, in 516-ORG-COST-CENTER-000-099. If SYS-DESIG in (‘C0’ thru ‘C9’), there should be a corresponding ORG-CODE (‘060’ thru ‘069’), respectively, in 516-ORG-COST-CENTER-000-099.	15
107	SRD-CONSUMPTION	CALC-KEY/SRD should be unique.	27
		SRD should be initialized and not blank.	46
		SRD should contain 3 alphanumeric characters, but no special characters.	46
		If position 5 of CALC-KEY in (‘L’, ‘P’, ‘S’, ‘X’) or (position 5 of CALC-KEY is numeric and position 14 = ‘-‘), then SYS-DESIG/positions 5-15 of CALC-KEY should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2/MMC in 101-ITEM-RECORD; otherwise, if position 5 of CALC-KEY in (‘K’, ‘N’) or position 5 of CALC-KEY is numeric, then SYS-DESIG/positions 5-13 of CALC-KEY should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2 in 101-ITEM-RECORD.	19
109	MICAP-AWP-RECORD	228-MICAP-SUSPENSE-DETAIL should not own more than one 109-MICAP-AWP-RECORD.	
		205-DUE-OUT-DETAIL should not own more than one 109-MICAP-AWP-RECORD.	
		A 109-MICAP-AWP-RECORD must have either a 205-DUE-OUT-DETAIL owner or a 228-MICAP-SUSPENSE-DETAIL owner, but not both.	51
111	ONLINE-MGMT	SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR	11
201	AUTHORIZED-IN-USE-DETAIL	SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If position 5 of STOCK-NUMBER in ('L', 'P', 'S', 'X') or (position 5 of STOCK-NUMBER is numeric and position 14 = '-'), then SYS-DESIG/positions 5-15 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; otherwise, if position 5 of STOCK-NUMBER in ('K', 'N') or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	29
		SYS-DESIG/DOCUMENT-NBR/ITEM-CODE='P' should be unique.	27
		For ITEM-CODE in ('M', 'S'), SYS-DESIG/DOCUMENT-NBR/STOCK-NUMBER/ITEM-CODE/DEPLOYED-RID should be unique.	27

		If ORG-CODE (positions 2-4 of DOCUMENT-NBR) < 100, ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE (positions 2-4 of DOCUMENT-NBR) >= 100, SYS-DESIG/ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
202	DUE-IN-DETAIL	SYS-DESIG/DOCUMENT-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE (positions 1-3 of ORG-SHOP) is numeric and < 100, ORG-CODE (positions 1-3 of ORG-SHOP) should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE (positions 1-3 of ORG-SHOP) is numeric and >= 100, SYS-DESIG/ORG-CODE (positions 1-3 of ORG-SHOP) should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
203	DUE-IN-FROM-MAINTE-NANCE-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR/DIFM-STATUS-FLAG should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
204	UNSERVICEABLE-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		ORG-CODE='920'	20
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
205	DUE-OUT-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11

206	EXCESS-REPORT-DETAIL	SYS-DESIG/DOCUMENT-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
207	EOQ-CONSUMPTION-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/[MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
208	STATUS-FLP-MILSTRIP-DETAIL	SYS-DESIG/DOCUMENT-NBR/SUFFIX-CODE/SUPPLY-STATUS/PREVIOUS-SUPPLY-STATUS should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
210	STATUS-LOCAL-PURCHASE-DETAIL	SYS-DESIG/DOCUMENT-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/DOCUMENT-NBR should have matching SYS-DESIG/DOCUMENT-NBR in 202-DUE-IN-DETAIL.	33
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
211	STATUS-SHIP-DETAIL	SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
214	REM-VEHICLES-ONLY-DETAIL	VEHICLE-REGISTRATION-NBR should be unique.	27
		SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/DATE-SERIAL-NBR/DEPLOYED-RID should have matching SYS-DESIG/DOCUMENT-NBR/DEPLOYED-RID in 201-AUTHORIZED-IN-USE-DETAIL.	34
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16

		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
216	ADJUSTED-LEVEL-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
217	MASTER-BENCH-STOCK-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
218	SUPPLY-POINT-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		ORG-CODE='005'	20
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
220	RDO-SUSPENSE-DETAIL	SYS-DESIG/DOCUMENT-NBR/SHIP-TO-SRAN/SUFFIX-CODE should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
222	PART-NBR-DETAIL	SYS-DESIG/PART-NBR-FIRST-14 should match CALC-KEY.	19
		SYS-DESIG/PART-NBR-FIRST-14/PART-NBR-LAST-18/ CAGE/STOCK-NUMBER should be unique.	27

		If position 5 of STOCK-NUMBER in ('L', 'P', 'S', 'X') or (position 5 of STOCK-NUMBER is numeric and position 14 = '-'), then SYS-DESIG/positions 5-15 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; otherwise, if position 5 of STOCK-NUMBER in ('K', 'N') or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
224	SHIPMENT-SUSPENSE-DETAIL	SYS-DESIG/DOCUMENT-NBR/SUFFIX-CODE combined with ALPHA-CHK/NIIN-2/[MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
225	SPRAM-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/[MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
228	MICAP-SUSPENSE-DETAIL	SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
232	MSK-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/[MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16

		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
233	SPECIAL-SPARES-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. NOTE: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SYS-DESIG/UNIT-TYPE-CODE/SRD/ORG-CODE/SHOP-CODE and positions 1-16 of CALC-KEY in 025-MRSP-IRSP-CONTROL owner should match.	52
234	HPMSK-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. Note: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SYS-DESIG/UNIT-TYPE-CODE/SRD/ORG-CODE/SHOP-CODE and positions 1-16 of CALC-KEY in 025-MRSP-IRSP-CONTROL owner should match.	52
235	PROJECT-DETAIL	SYS-DESIG/PROJECT-NBR/ACTIVITY-CODE/ORG-CODE/ SHOP-CODE/DATE-SERIAL-NBR should be unique.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11

		If FILLER <> "THPMSK", PROJECT-NUMBER/ORG-CODE/ SHOP-CODE/SRAN (positions 1-6 of 235-FILLER) and PROJECT-NUMBER/ORG-CODE/SHOP-CODE/SRAN in 032-PROJECT-HEADER owner should match.	37
237	NON-AIRBORNE-MRSP-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. NOTE: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SYS-DESIG/UNIT-TYPE-CODE/SRD/ORG-CODE/SHOP-CODE and positions 1-16 of CALC-KEY in 025-MRSP-IRSP-CONTROL owner should match.	52
239	AIRBORNE-MRSP-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. NOTE: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SYS-DESIG/UNIT-TYPE-CODE/SRD/ORG-CODE/SHOP-CODE and positions 1-16 of CALC-KEY in 025-MRSP-IRSP-CONTROL owner should match.	52
240	WRM-IRSP-SPARES-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. NOTE: [MMC] indicates MMC should be included only if ALHPA-CHK of 101-ITEM-RECORD owner is in ('L', 'P', 'S', 'X') or if ALPHA-CHK OF 101-ITEM-RECORD owner is numeric and position 1 of MMC = '-'.	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11

		SYS-DESIG/UNIT-TYPE-CODE/SRD/ORG-CODE/SHOP-CODE and positions 1-16 of CALC-KEY in 025-MRSP-IRSP-CONTROL owner should match.	52
241	WRM-WCDO-SPARES-DETAIL	SYS-DESIG/ACTIVITY-CODE/ORG-CODE/SHOP-CODE/ DATE-SERIAL-NBR combined with ALPHA-CHK/NIIN-2/ [MMC] of 101-STOCK-NUMBER owner should be unique. D320	27
		SYS-DESIG and SYS-DESIG in 101-ITEM-RECORD owner should match.	16
		ORG-CODE='002'	20
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
249	SERIALIZED-CONTROL-DETAIL	SERIAL-NBR/STOCK-NUMBER/SYS-DESIG should be unique.	27
		If position 5 of STOCK-NUMBER in ('L', 'P', 'S', 'X') or (position 5 of STOCK-NUMBER is numeric and position 14 = '-'), then SYS-DESIG/positions 5-15 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; otherwise, if position 5 of STOCK-NUMBER in ('K', 'N') or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	29
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SERIAL-NBR/STOCK-NUMBER/SYS-DESIG should not be duplicated in 250-IN-USE-SERIALIZED-CONTROL.	27
250	IN-USE-SERIALIZED-CON-TROL	SERIAL-NBR/SYS-DESIG/STOCK-NUMBER should be unique.	27
		If position 5 of STOCK-NUMBER in ('L', 'P', 'S', 'X') or (position 5 of STOCK-NUMBER is numeric and position 14 = '-'), then SYS-DESIG/positions 5-15 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2/MMC of 101-ITEM-RECORD owner should match; otherwise, if position 5 of STOCK-NUMBER in ('K', 'N') or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER and SYS-DESIG/ALPHA-CHK/NIIN-2 of 101-ITEM-RECORD owner should match.	29
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SERIAL-NBR/STOCK-NUMBER/SYS-DESIG should not be duplicated in 249-SERIALIZED-CONTROL-DETAIL.	27
		If ORG-CODE < 100, ORG-CODE should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CEN-TER-100-999.	15
310	A-F-VARIABLE-DATA	SYS-DESIG-SAT/SUPPLY-SRAN should have matching SYS-DESIG/SRAN in 106-SYSTEM-DESIGNATOR.	50

		For SYS-DESIG-SAT ('A1' thru 'A9'), MAJCOM-CODE-SAT should have a matching MAJCOM-CODE for ORG-CODE ('041' thru '049'), respectively, in 516-ORG-COST-CENTER-000-099.	48
		SYS-DESIG-HOST/SRAN-HOST (last 4 positions)/MAJCOM-CODE-HOST should have matching CSB-SD/CSB-SRAN/ MAJCOM-CODE in 001-BASE-CONSTANTS-1.	53
		For SYS-DESIG-HOST, MAJCOM-CODE-HOST should have matching MAJCOM-CODE for ORG-CODE '001' in 516-ORG-COST-CENTER-000-099.	48
311	PROJECT-FUNDS-MGMT	SYS-DESIG/PFMR-CODE/FUND-CODE/FY-CURRENT should be unique.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
332	MACR-GSD-PART2	SYS-DESIG of 106-SYSTEM-DESIGNATOR owner combined with BUDGET-CODE/FUND-CODE/FISCAL-YEAR should be unique.	27
333	MACR-GSD-PART2-1FY	SYS-DESIG of 106-SYSTEM-DESIGNATOR owner combined with BUDGET-CODE/FUND-CODE/FISCAL-YEAR should be unique.	27
334	MACR-GSD-PART2-2FY	SYS-DESIG of 106-SYSTEM-DESIGNATOR owner combined with BUDGET-CODE/FUND-CODE/FISCAL-YEAR should be unique.	27
507	INV-ADJUSTMENT-CONTROL	For occurrence 1 of BE-SERIAL-NBR, if BE-SERIAL-NBR is not null, not blank and not zeroes, there should be a SYS-DESIG '01' in 106-SYSTEM-DESIGNATOR. For occurrences 2 thru 10 of BE-SERIAL-NBR, if BE-SERIAL-NBR is not null and not blank, there should be a SYS-DESIG ('A1' thru 'A9'), respectively, in 106-SYSTEM-DESIGNATOR.	11
		For occurrence 1 of SAMPLE-INV-SERIAL-NBR, if SAMPLE-INV-SERIAL-NBR is not null, not blank and not zeroes, there should be a SYS-DESIG '01' in 106-SYSTEM-DESIGNATOR. For occurrences 2 thru 10 of SAMPLE-INV-SERIAL-NBR, if SAMPLE-INV-SERIAL-NBR is not null and not blank there should be a SYS-DESIG ('A1' thru 'A9'), respectively, in 106-SYSTEM-DESIGNATOR.	11
508	INV-ADJUSTMENT-BASIC	SYS-DESIG in 106-SYSTEM-DESIGNATOR owner combined with TRANSACTION-DATE/SERIAL-NBR should be unique.	27
509	INV-ADJ-SAMPLE-INV-CERT	SYS-DESIG in 106-SYSTEM-DESIGNATOR owner/SMPL-INV-CERT-SERIAL-NBR should be unique.	27
510	SAMPLE-INVENTORY-SUSPENSE	SYS-DESIG/SAMPLE-INV-RECORD-CODE should be unique.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		For RECORD-CODE-GROUP occurrence 1, SAMPLE-INV-RECORD-CODE should be 'A' or blank.	21
		For RECORD-CODE-GROUP occurrence 2, SAMPLE-INV-RECORD-CODE should be 'B' or blank.	21

		For RECORD-CODE-GROUP occurrence 3, SAMPLE-INV-RECORD-CODE should be 'C' or blank.	21
		For RECORD-CODE-GROUP occurrence 4, SAMPLE-INV-RECORD-CODE should be 'D' or blank.	21
		For RECORD-CODE-GROUP occurrence 5, SAMPLE-INV-RECORD-CODE should be 'E' or blank.	21
		For RECORD-CODE-GROUP occurrence 6, SAMPLE-INV-RECORD-CODE should be 'F' or blank.	21
		For RECORD-CODE-GROUP occurrence 7, SAMPLE-INV-RECORD-CODE should be 'G' or blank.	21
		For RECORD-CODE-GROUP occurrence 8, SAMPLE-INV-RECORD-CODE should be 'H' or blank.	21
		For RECORD-CODE-GROUP occurrence 9, SAMPLE-INV-RECORD-CODE should be 'I' or blank.	21
		For RECORD-CODE-GROUP occurrence 10, SAMPLE-INV-RECORD-CODE should be 'J' or blank.	21
		For RECORD-CODE-GROUP occurrence 11, SAMPLE-INV-RECORD-CODE should be 'K' or blank.	21
		For RECORD-CODE-GROUP occurrence 12, SAMPLE-INV-RECORD-CODE should be 'L' or blank.	21
515	ISSL-DATA-RECORD	SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
516	ORG-COST-CENTER-000-099	ORG-CODE should be unique.	27
		For ORG-CODE ('001'), there should be a SYS-DESIG '01' in 106-SYSTEM-DESIGNATOR.	11
		For ORG-CODE ('041' thru '049'), there should be a SYS-DESIG ('A1' thru 'A9'), respectively, in 106-SYSTEM-DESIGNATOR.	11
		For ORG-CODE ('050' thru '059'), there should be a SYS-DESIG ('B0' thru 'B9'), respectively, in 106-SYSTEM-DESIGNATOR.	11
		For ORG-CODE ('060' thru '069'), there should be a SYS-DESIG ('C0' thru 'C9'), respectively, in 106-SYSTEM-DESIGNATOR.	11
		If ORG-CODE in ('041'..'069'), M-AND-S-STOCK-B-E should be initialized and not blank.	43
		If ORG-CODE in ('041'..'069'), if M-AND-S-STOCK-B-E is initialized and is not blank, M-AND-S-GROUP1, M-AND-S-GROUP2, and M-AND-S-GROUP3 should be initialized and not blank as well.	43
		ORG-CODE should be in (000…099).	20
518	ORG-COST-CENTER-100-999	SYS-DESIG/ORG-CODE should be unique.	27
		ORG-CODE should be in (100…999).	20
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11

521	DAILY-REJECT-SUSPENSE	SYS-DESIG/USER-INITIALS/TRIC (positions 1-3 of INPUT-IMAGE-REJECTED) should be unique.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
523	CUMULATIVE-REJECT-SUSPENSE-1	SYS-DESIG should match positions 4-5 of CALC-KEY.	19
		SYS-DESIG/CALC-KEY should be unique.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
530	LOCATION-VALIDATION	SYS-DESIG/STOCK-NUMBER/WAREHOUSE-LOCATION should be unique.	27
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
532	CIC-1RS-EIC-INVENTORY	If positions 1-11 of CALC-KEY are null, the record is a WARE-HOUSE type record. For WAREHOUSE type records, SYS-DESIG/STOCK-NUMBER should be unique.	27
		SYS-DESIG/positions 5-15 of STOCK-NUMBER should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2/[MMC] in 101-ITEM-RECORD. Note: [MMC] indicates MMC should be included only if position 5 of STOCK-NUMBER is in ('L', 'P', 'S', 'X') or if position 5 of STOCK-NUMBER is numeric and position 14 of STOCK-NUMBER = '-'.	29
		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records, SYS-DESIG/DOCU-MENT-NBR/STOCK-NUMBER should be unique.	27
		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records with ORG-CODE (positions 2-4 of DOCUMENT-NBR) < 100, ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have a matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records with ORG-CODE (positions 2-4 of DOCUMENT-NBR) >= 100, SYS-DESIG/ ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have a matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
		SYS-DESIG and SYS-DESIG in 531-CIC-1RS-EIC-HEADER owner should match.	39
534	IRC-1RR-INVENTORY	If positions 1-11 of CALC-KEY are null, the record is a WARE-HOUSE type record. For WAREHOUSE type records, SYS-DESIG/STOCK-NUMBER should be unique.	27
		SYS-DESIG/positions 5-15 of STOCK-NUMBER should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2/[MMC] in 101-ITEM-RECORD. Note: [MMC] indicates MMC should be included only if position 5 of STOCK-NUMBER is in ('L', 'P', 'S', 'X') or if position 5 of STOCK-NUMBER is numeric and position 14 of STOCK-NUMBER = '-'.	29

		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records, SYS-DESIG/DOCUMENT-NBR/STOCK-NUMBER should be unique.	27
		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records with ORG-CODE (positions 2-4 of DOCUMENT-NBR) < 100, ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have a matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If positions 1-11 of CALC-KEY are NOT null, the record is an ORG type record. For ORG type records with ORG-CODE (positions 2-4 of DOCUMENT-NBR) >= 100, SYS-DESIG/ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have a matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		SYS-DESIG and SYS-DESIG in 533-IRC-1RR-HEADER owner should match.	39
536	BENCH-STOCK-ISSUE	SYS-DESIG/DOCUMENT-NBR/STOCK-NBR should be unique.	27
		If position 5 of STOCK-NUMBER in ('L', 'P', 'S', 'X') or (position 5 of STOCK-NUMBER is numeric and position 14 = '-'), then SYS-DESIG/positions 5-15 of STOCK-NUMBER should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2/MMC in 101-ITEM-RECORD; otherwise, if position 5 of STOCK-NUMBER in ('K', 'N') or position 5 is numeric, then SYS-DESIG/positions 5-13 of STOCK-NUMBER should have a matching SYS-DESIG/ALPHA-CHK/NIIN-2 in 101-ITEM-RECORD.	29
		SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		If ORG-CODE (positions 2-4 of DOCUMENT-NBR) < 100, ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have matching ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		If ORG-CODE (positions 2-4 of DOCUMENT-NBR) >= 100, SYS-DESIG/ORG-CODE (positions 2-4 of DOCUMENT-NBR) should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15
543	DELIVERY-DESTINATION	SYS-DESIG and positions 1-2 of CALC-KEY should match.	19
		If positions 6-7 contain **, DELIVERY-DESTINATION-CODE should match positions 3-5 of CALC-KEY and ORG-CODE/SHOP-CODE should be blank.	41
		If positions 6-7 do NOT contain **, ORG-CODE/SHOP-CODE should match positions 3-7 of CALC-KEY and DELIVERY-DESTINATION-CODE should be blank.	41
		If positions 6-7 do NOT contain ** and positions 3-5 >= 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ORG-CODE in 518-ORG-COST-CENTER-100-999.	15

		If positions 6-7 do NOT contain ** and positions 3-5 < 100, SYS-DESIG/ORG-CODE should have matching SYS-DESIG/ ORG-CODE in 516-ORG-COST-CENTER-000-099.	15
		SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
556	TAR-IMAGE-HOLD	SYS-DESIG should have matching SYS-DESIG in 106-SYS-TEM-DESIGNATOR.	11
602	CUSTOMER-SUPPORT-EFFECTIVNESS	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
603	WEAPON-SUPPORT-EFFEC-TIVENESS	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
604	GROSS-NET-AVAILABILITY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
605	BENCH-STOCK-SUMMARY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
606	RETAIL-OUTLET-DATA	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
607	REPAIR-CYCLE-ASSET-CONTROL	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
609	MICAP-ANALYSIS	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
610	DUE-OUT-ANALYSIS	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
611	REASON-FOR-NON-AVAIL-ABILITY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
612	CUSTOMER-WAIT-TIME	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
613	DUE-OUT-SCHEDULE	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
614	DUE-OUT-CANCELLATION-SUMMARY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
615	REQUISITION-SUMMARY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
616	DUE-IN-SUMMARY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
617	INVENTORY-CONTROL-DATA	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
618	AVG-INVENTORY-INVEST-MENTS	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
619	EXCESS-STRATIFICATION	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
620	TRANSACTION-SUMMARY	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
621	SUPPLY-RECORD-COUNT	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
622	ITEM-RECORD-DATA	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11

623	MONTHLY-INVENTORY-ACCY-STRAT	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
624	FY-INVENTORY-ACCY-STRAT	SYS-DESIG (positions 4-5 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
625	MGMT-RPT-CONTROL-TABLE	CT-SYS-DESIG should match positions 4-5 of CALC-KEY.	19
		CT-SYS-DESIG should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
		CT-SYS-DESIG/CT-RC-MASTER-ORG/CT-COLLECT-ORG should be unique.	27
		CT-SYS-DESIG/CT-WSE-SRD should be unique.	27
		CT-SYS-DESIG/CT-MICAP-SRD should be unique.	27
628	METRICS-ISE-DATA	SYS-DESIG/SRD/TYPE-METRICS should match CALC-KEY.	19
		SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
629	METRICS-RCM-DATA	SYS-DESIG/ORG/TYPE-METRICS should match CALC-KEY.	19
		SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
630	METRICS-CWT-DATA	SYS-DESIG/CWT/TYPE-METRICS should match CALC-KEY.	19
		SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11
631	METRIC-RCM-CNTL-DATA	SYS-DESIG/GROUP/TYPE-METRICS should match CALC-KEY.	19
		SYS-DESIG (positions 1-2 of CALC-KEY) should have matching SYS-DESIG in 106-SYSTEM-DESIGNATOR.	11

ATTACHMENT 3B-2

NGV301V – ERROR MESSAGES

3B2.1. NGV301V Output Messages.

Definition of fields used in messages:

E: Error Messages. Typically run aborting type.

W: Data invalid warning type messages.

I: Informational type messages.

[enum] 4-position numeric UDS error code

[phrase] Text label identifying source code error location

[rec] Record code identifier. In Warning type messages, record found to have an anomaly

[key] Typically CALC-KEY or other identifying data value unique to anomalous record

[value] Contents of record found to be of dubious nature

[sub] Where applicable: subscript value of data

E: 01 d/t MORE THAN 50 SYS-DESIG RECS LOADED - PROGRAM FAULT

E: 02 d/t MORE THAN 110 OCCR (516) RECS LOADED - PROGRAM FAULT

E: 03 d/t MORE THAN 9000 OCCR (518) RECS LOADED - PROGRAM FAULT

E: 04 d/t DB ERR: [enum] [phrase]

E: 05 d/t SORT FILE ASSIGNMENT ERROR - PROGRAM FAULT

Messages 6-10 Unused

W: 11 d/t NO MATCH SD REC [rec] KY [key] VL [value]

Cause: System Designator, with value [value] stored on record type [rec], with the key [key] could not be found in the SYSTEM-DESIGNATOR table.

E: 12 d/t ** FATAL ERROR ** GOING TO EOJ

I: 13 d/t EXECUTING VS GANG: [gang]

Information: Display of which gang # is being validated.

I: 14 d/t BEGIN SCAN OF REC [rec]

Information: Display of currently processing record.

W: 15 d/t ORG NOT FOUND REC [rec] KY [key] VL [value]

Cause: Org Code, with value [value], stored on record type [rec], with the key [key], could not be found in either the ORG-COST-CENTER-000-099 or ORG-COST-CENTER-100-999.

W: 16 d/t IR SD MISMATCH REC [rec] KY [key] VL [value]

Cause: [rec], with key of [key], has a System Designator of value [value]. Owner Item Record has a different value.

I: 17 d/t END OF JOB

Information: Processing complete.

W: 18 d/t 025 MISMATCH REC [rec] KY [key] VL [value]

Cause: Information contained in [rec], with key of [key] has values [value] which should match corresponding fields on the 025 record. They don't.

W: 19 d/t MISMATCHED CALC-KEY REC [rec] KY [key]

Cause: Data contained in [rec], with [key] has data fields which does not correspond to data contained in the CALC-KEY.

W: 20 d/t ORG CODE INVALID REC [rec] KY [key] VL [value]

Cause: Certain record types have proscribed values for ORG-CODE. Ie. SUPPLY-POINT-DETAILS should be '005'. [rec], with key [key], has invalid value [value].

W: 21 d/t 510 REC SMP CODE INVALID [sub] VL [value]

Cause: Sample-Inv-record-code occurs 1..12 should have respective values A..L or blank. [sub] has invalid value [value].

W: 22 d/t 014/021 PID MISMATCH KY [key] VL [value]

Cause: 014 record and 021 owner should have same PID value. 014, with key [key], have mismatched value [value].

W: 23 d/t NO CORR FSC REC LOADED KY [key] VL [value]

Cause: ITEM-RECORD, with key [key, has 101-Federal-stock-class value [value]. Could not find a corresponding FSC record.

W: 24 d/t 101/105 ISG MISMATCH KY [key] VL [value]

Cause: Data, with value [value], contained in ITEM-RECORD, with key [key], does not match data stored in ISG-RECORD.

W: 25 d/t 101/102 R-C MISMATCH KY [key] VL [value]

Cause: Data, with value [value], contained in REPAIR-CYCLE, with key [key], does not match data stored in ITEM-RECORD.

W: 26 d/t NO CORR SRD REC LOADED REC [rec] KY [key] VL [value]

Cause: [rec], with key [key], has SRD value [value]. SRD record could not be

located.

W: 27 d/t DUPLICATE PRIME KEY REC [rec] KY [key] VL

-: 28 d/t [value]

NOTES:

These 2 messages together form one statement. Many unique prime key values were too long to fit on one line.

Cause: The values are duplicated and will cause oracle to reject records.

W: 29 d/t 101/[rec] SD/NSN MISMATCH KY [key] VL [value]

Cause: [rec], with key [key], could not find an ITEM-RECORD that has the Stock-number with value [value].

W: 30 d/t IR OWNS >1 WHSE LOCATION KY [key]

Cause: ITEM-RECORDS should only have one WHSE-LOCATION record

assigned.

W: 31 d/t 228 OWNS >1 MICAP AWP KY [key]

Cause: 228s should only have one MICAP-AWP record assigned.

W: 32 d/t MISMATCH FSC ACROSS SDS KY [key]

Cause: Federal Stock Classes do not match for same item across system designators.

W: 33 d/t MISMATCH 202/210 DN KY [key] VL [value]

Cause: Data, with value [value], contained in 210, with key [key], does not match data stored in DUE-IN-DETAIL.

W: 34 d/t MISMATCH 201/214 DATA KY [key]

Cause: Data, with value [value], contained in REM-VEHICLES-ONLY-DETAIL, with key [key], does not match data stored in AUTHORIZED-IN-USE-DETAIL.

W: 35 d/t MISMATCH 105/101 KY [key] VL [value]

Cause: ISG-RECORD should own all ITEM-RECORDs listed in the occurs and no others. [key] is 105-ISG-NUMBER. If [value] = STOCK-NUMBER, ITEM-RECORD not found in set. If [value] = CALC-KEY, ITEM-RECORD found that was not listed in occurs.

W: 36 d/t MISMATCH 001/106 DATA KY [key]

Cause: Data contained in BASE-CONSTANTS-1 and corresponding SYSTEM-DESIGNATOR should match. [key] System designator does not.

W: 37 d/t MISMATCH 235/032 PN KY [key] VL [value]

Cause: Project number fields on 235 and owner 032 should match. [key] 235 detail does not match.

W: 38 INVALID [value] KY [key]

Cause: [value] must be initialized and cannot be blank.

W: 39 d/t MISMATCH [rec]/[rec-1] SD KY [key]

Cause: System Designator on [rec], does not match System Designator on [rec-1].

W: 40 d/t UNIT PRICE IN ERROR REC [rec] KY [key] VL [value]

Cause: Unit price field in [rec], with key [key], contains the invalid value [value].

W: 41 d/t CALC KEY IN ERROR REC 543 KY [key]

Cause: Data contained in CALC-KEY, [key], does not correspond to data in record.

W: 42 Unused.

W: 43 INVALID 516-M-AND-S-GROUP [key]

Cause: 516-M-AND-S-GROUP fields should not be blank or null.

I: 44 END SCAN OF REC [rec] CNT [count]

Information: [count] of [rec] were scanned for validation rules.

W: 45 INVALID 001-CSB-STOCK/PRI

Cause: Fields CSB-STOCK-REPL-REQN and CSB-PRI-GP[1|2|3]-REQN (1) should not be blank.

W: 46 INVALID SRD ON REC [rec] SRD [val]

Cause: Field on [rec]-SRD has an invalid entry of [val].

W: 47 INVALID 008-MICAP-FLAG [val]

Cause: 008-MICAP-FLAG should have a [val] of Y or N

W: 48 MISMATCH MAJCOM FOR 516-ORG-CODE REC [rec] KY [key]

Cause: MAJCOM for [rec] = [key] and does not match the MAJCOM for 516-ORG-CODE

W: 49 MISMATCH 025 SD WITHIN 024 KY [key]

Cause: System Designator does not match on all children of 024 record. [key] is 024-CALC-KEY

W: 50 MISMATCH 106/310 SD/SRAN [key]

Cause: [key] of Sys desig and Supply SRAN should have a matching SD and Supply SRAN in 106

W: 51 228 & 205 OWNER FOUND KY [key] VL1 [val1] VL2 [val2]

Cause: Two owners, a 205 of [val1] and a 228 of [val2] found for a 109 [key]

W: 52 MISMATCH 025 / [rec] KY [key]

Cause: Positions 1-16 of the 025 owner should match with [rec] Sys Desig/Unit-Type-Code/SRD/ Org-Code/Shop-Code. [key] is the document number of [rec]

W: 53 MISMATCH 001 / 310 HOST [key]

Cause: [key] of 310 Sys Desig Host/SRAN-Host/MAJCOM-Code-Host should match 001 values

W: 54 NO 205/228 FOUND FOR 109 KY [key]

Cause: 109 record at [key] in the database has no owner.

W: 55 INVALID 101-OST-OVERRIDE KY [key]

Cause: All positions in 101-OST-OVERRIDE must be numeric.

W: 56 Unused

W: 57 NO [rec] SD/ORG MATCH FOR 205 KY [key] VL [value]

Cause: [rec] does not have a SYS-DESIG/ORG-CODE loaded that matches a 205 [key]'s SYS-DESIG [value]

W: 58 MISMATCH SRAN 106/[rec] KEY [key]

Cause: SRAN from [rec] with CALC-KEY of [key] not loaded within the 106 record.

W: 59 INVALID 207 ORG/SHOP CODE VL [value1]/[value2]

Cause: 207-ORG-CODE [value1] and 207-SHOP-CODE [value2] should not be blank

W: 60 NO OWNER FOUND FOR REC [rec] KY [key]

W: 61 Unused

W: 62 INVALID 101-FORECAST-ACQUISITION-COST VL [value] KY [key]

Cause: 101-FORECAST-ACQUISITION-COST is invalid

ATTACHMENT 3B-3

NGV301V – HQ SSG/ILS CORRECTIVE ACTIONS FOR NGV301V ERRORS

Table 3B3.1. NGV301V – HQ SSG/ILS Corrective Actions For NGV301V Errors

Record number	Key value	Error	Description	Error number	Corrective action
001	Sys Desig	No Match SD Rec 001 KY SAT-SD 0001 VL	A value exists in SAT-SRAN(001) or SAT-RID(001) but no SAT-SD(001) exists.	W 11	Either delete Sat-SRAN or Sat-Rid info or add Sat-Sd info using NGV299.
001	Sys Desig	No Match SD Rec 001 KY LOG-SD 0002 VL A1	A value exists in LOG-SD(002) but no SAT-SD(002) exists.	W 11	Either delete Log-SD info or add Sat-Sd info using NGV299.
001	Sys Desig	No Match SD Rec 001 KY ADS-ACTIVE FLAGS VL A5	A value other than blank is stored in ADS-ACTIVE-FLAGS and no 106 record exits for SD A5	W 11	Check for values other than blank and correct using NGV299
003	SD/Exception Code	No Match SD Rec 003 KY A70	Several 003 records exist for a SD that has been rehomed.	W 11	Process FXR input to delete 003 record.
007	RID/SD	Mismatched CALC-KEY REC 007 KY DA4A8	The 007-CALC-KEY doesn't match the actual data (007-SRD, 007-SYS-DESIG) in the record.	W 19	Try deleting with FRI input or delete using NGV299.
008	SRD	Invalid SRD on rec 008 SRD _AC	SRD does not contain 3 valid characters.	W 46	Process 1SR input to delete these records, and follow-up with processing NGV567, SRD Reconciliation.
017	SD/WHSE LOC	Mismatched calc-key rec 017 KY A4	017-CALC-KEY contains SD in first 2 positions of calc key but remaining positions are blank, should contain warehouse location.	W 19	Change calc key or delete 017 record using NGV299.
017	SD/WHSE LOC	IR SD mismatch REC 017 KY 0101C020C145B	017 record is for 01 and is linked to a SD A3 stock number.	W 16	Change calc key or delete 017 record using NGV299.
022	SD/NSN	Mismatched calc-key rec 022 KY 015330P001419479	022-CALC-KEY does not match the item record SD/Stock Number.	W 19	Change 022 calc key or delete 022 record using NGV299.
024	024 Calc Key	024 Has no member record KY 0C005A1L1000	024 is an Orphan record. No details linked	W 34	Try to delete with a 1EB input or delete using NGV299

025	025 Calc Key	Org not found REC 025 KY A36KGE10CAJ716GF	Org 716 is not loaded.	W 15	Reload Org code using FOR input or delete using NGV299.
101	OST Over-ride	Invalid 101-OST-OVERRIDE KY A	OST Override value is invalid.	W 55	Try FCL with * in pos 39. If it doesn't delete the OST field, use NGV299.
101	FSC	No Corr FSC REC Loaded	Federal supply class is not loaded.	W 23	Load FSC with BDL/ BVL input.
101	101 Calc Key	101/105 ISG Mismatch KY 010**14485789	This particular error showed a 101-PARTS-PREFERENCE-CODE but not a matching PPS in 105 record (pos 2 of 105-ORDER-OF-USE).	W 24	Try with NGV403, but probably will have to load the PPS on the 105 record using NGV299.
101	101 Calc Key	KY A30-910315816 will not be loaded. Delete and re-run.	-9 stock numbers are no longer valid and shouldn't be loaded.	W 22	Delete –9 stock number.
101	101 Calc Key	Duplicate Prime Key REC 101 VL A4K0217846A	A duplicate exists, other than the MMC code on a K or N type stock number.	W 27	Determine which NSN/ MMC is correct and delete the erroneous one.
101	101 Calc Key	IR OWNS >1 WHSE Location KY A3**03679086	Stock number has more than 1 warehouse location.	W 30	If Item record has zero balance, use FCS to delete incorrect location. If balance exists, NGV299 must be used.
101	101 Calc Key	Mismatch NSN across SD's KY 010**02194156	Either FSC or MMC does not match within the SD/NSN's.	W 32	Use Surge provided by SSG to cleanup these records.
101	101 Calc Key	Invalid 101-FORE-CAST-ACQUISITION-COST VL $0 KY A4**14145895	Invalid information exists in the FAC.	W 62	Zero out the FAC using NGV299 until JCS release is implemented.
102	101 Calc Key	101/102 R-C Mismatch KY A20**08769685 VL A52995008769685RW	Item Record contains a repair cycle record with a different SD linked to it.	W 25	Delete erroneous repair cycle record and/or reload it under correct system designator using NGV299.
105	105 Calc Key	Mismatch 105/101 KY A39454 VL A30**12630493	Stock number should be a member in ISG-ITEM set.	W 35	Process NGV403.
107	107 Calc Key	Duplicate Prime Key REC 107 VL 1560014493763SX01X CC	Duplicate 107 exists with same NSN/SD/ SRD	W 27	Process NGV??? to correct these errors.
107	NSN	Mismatched CALC-KEY REC 107 KY 5330NCZ020914	107 record doesn't have a matching item record.	W 19	N/A

107	SRD	Invalid SRD on rec 107 SRD E__	SRD does not contain 3 valid characters.	W 46	Process A01 using 1SB parameter with invalid SRD's in parameter. Ensure not to duplicate SRD's within parameter.
109	DBK of 109 record	No 205/228 found for 109 KY 000200052023	Orphan 109 exists without 205/228 detail.	W 54	Not a critical error because record is an orphan and doesn't need to be migrated anyway. If correction is needed, use Download/ upload procedures.
111	SD	No match SD REC 111 KY 0 VL A7	SD A7 has been rehomed, but no program deletes 111 record.	W 11	Use NGV299 to delete 111 record.
201	201 Doc Nbr	Org not found REC 201 KY E699VV00000003	Org 699 is not loaded	W 15	Reload Org code using FOR input or delete 201 detail using NGV299.
201	SD/Doc Nbr/ Item Code/ Dep Rid	Duplicate Prime Key REC 201 VL A2E411AG0000001142 10011402233 S	A duplicate 201 exists with same SD/DOC NBR/ITEM CODE/ DEP RID	W 27	Determine which 201 detail is correct and delete the other using NGV299.
201	101 Calc Key	101/201 SD/NSN mismatch KY A20**10811524 VL E864AV00000044	A mismatch exits between the 201 NSN and 101-calc-key for SD	W 29	Try to remove deployment status, then redeploy or process INQ and verify NSN process FIC to correct the problem or use NGV299.
202	202 Doc Nbr	Duplicate Prime Key REC 202 VL 0120520037	A 202 duplicate exists.	W 27	N/A
205	205 Doc Nbr	IR SD mismatch REC 205 KY (blank)	A blank 205 record exists.	W 16	Delete 205 record using NGV299.
207	SRD	Invalid SRD on REC 207 SRD (blank)	A blank SRD exists for 207 details.	W 46	Process 2BS surge cleanup program.
207	ORG/SHOP	Invalid 207 ORG/SHOP code VL / AT	An invalid ORG/SHOP exists for 207 details.	W 59	Process 2BS surge cleanup program.
207	207 Doc Nbr	Org not found REC 207 KY Z279SQ0015033	Org 279 is not loaded	W 15	Reload Org code using FOR input or delete 207 record NGV299.
207	SD/Doc Nbr/ NIIN	Duplicate Prime Key REC 207 VL 01Z949HS00011302014 811860	A duplicate 207 exists with same SD/DOC NBR/NIIN.	W 27	Process NGV116.

208	SD/Doc Nbr/ Suffix /Sup Stat/ Prev Stat	Duplicate Prime Key REC 208 VL 0110950011BB9B9	A duplicate 208 exists with same SD/DOC NBR/SUFFIX/SUP STAT/PREV STAT	W 27	Valid Error, SSG is working this issue for 1.4 release.
211	SD/Doc Nbr	Invalid 211-TCN-GBL-NBR KY A122111272	TCN/GBL is blank	W 38	Research with CMOS and correct with SSC input or NGV299
214	SD/Doc Nbr	Mismatch 201/214 DATA KY 01E836VV00001018	A 214 exists without corresponding 201 detail.	W 34	Check if vehicle reg is valid. A 214 shouldn't exist for leased vehicles unless leased for more than 12 months. IF not valid, delete 214 detail.
216	SD/Doc Nbr	Duplicate Prime Key REC 216 VL A4A007SC10254057	A duplicate 216 exists with same SD/DOC NBR.	W 27	Determine which 216 detail is correct and delete the other using NGV299.
217	SD/Doc Nbr	Duplicate Prime Key REC 217 VL A3B353RS73420004	A duplicate 217 exists with same SD/DOC NBR.	W 27	Determine which 217 detail is correct and delete the other using NGV299.
220	SD/Doc Nbr/ Ship to SRAN/Suffix	Duplicate Prime KEY REC 220 VL 0120090121FE2300R	A duplicate 220 exists with same SD/DOC NBR/SHIP TO SRAN/ SUFFIX.	W 27	Determine which 220 is correct and delete the other using NGV299.
222	SD/Part Nbr/ Cage/ NSN	Duplicate Prime KEY REC 222 A10	A duplicate 222 exists with same SD/PART NBR/CAGE/NSN.	W 27	Cleanup using 1AA part number surges.
222	SD/Part Nbr	SD/NSN mismatch KY 010**13125160 VL A3142000	SD A3 part number is linked to SD 01 stock number.	W 29	If 4 part number surges do not clean these up, then use NGV299 to delete erroneous record.
224	SD/Doc Nbr/ Suffix/ NIIN	Duplicate Prime KEY REC 224 VL 0120360288R014091287	Duplicate 224 record exists for SD/DOC NBR/SUFFIX/NIIN	W 27	Determine which 224 is correct and delete the other with NGV299.
225	SD/Doc Nbr/ NIIN	Duplicate prime KEY REC 225 VL A2D818ES00000002014447667	Duplicate 225 record exists for SD/DOC NBR/NIIN.	W 27	Determine which 225 is correct and delete the other with NGV299.
228	SD/Doc Nbr/ Action Date/ Hour Code	Duplicate Prime KEY REC 228 VL 01205191222002052L	Duplicate 228 exists for SD/DOC NBR/ ACTION DATE/ HOUR CODE.	W 27	No corrective action, possible NGV301V and/or database change if no procedural change is done. HQ SSG is working this issue for 1.4 release.

232	232 Doc Nbr	025 MISMATCH REC 232 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 232 KY U691GE00000013	A bad 232 detail is linked to the 025 record.	W 18	Determine if the bad 232 should be valid or not and update with NGV299.
233	233 Doc Nbr	025 MISMATCH REC 233 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 233 KY U691GE00000013	A bad 233 detail is linked to the 025 record.	W 18	Determine if the bad 233 should be valid or not and update with NGV299.
234	234 Doc Nbr	025 MISMATCH REC 234 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 234 KY U691GE00000013	A bad 234 detail is linked to the 025 record.	W 18	Determine if the bad 234 should be valid or not and update with NGV299.
235	235 Doc Nbr	025 MISMATCH REC 235 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 235 KY U691GE00000013	A bad 235 detail is linked to the 025 record.	W 18	Determine if the bad 235 should be valid or not and update with NGV299.
236	236 Doc Nbr	025 MISMATCH REC 236 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 236 KY U691GE00000013	A bad 236 detail is linked to the 025 record.	W 18	Determine if the bad 236 should be valid or not and update with NGV299.
237	237 Doc Nbr	025 MISMATCH REC 237 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 237 KY U691GE00000013	A bad 237 detail is linked to the 025 record.	W 18	Determine if the bad 237 should be valid or not and update with NGV299.
237	SD/Doc Nbr/ NIIN	Duplicate PRIME KEY REC237VL 01U798DZ00005008011655974	Duplicate 237 record exists for SD/DOC NBR/NIIN.	W 27	Determine which 225 is correct and delete the other with NGV299.
237	237 Doc Nbr	Org not found REC 237 KY U716GF00000011	Org 716 is not loaded.	W 15	Reload Org code using FOR input or delete using NGV299.
237	237 Doc Nbr/ SD	Invalid SRD on REC 237 SRD (blank)	A 237 detail exists with a blank SRD field.	W 46	Try 1NK input to change SRD so that it matches the control record (025). OR delete record if invalid.

238	238 Doc Nbr	025 MISMATCH REC 238 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 238 KY U691GE00000013	A bad 238 detail is linked to the 025 record.	W 18	Determine if the bad 238 should be valid or not and update with NGV299.
239	239 Doc Nbr	025 MISMATCH REC 239 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 239 KY U691GE00000013	A bad 239 detail is linked to the 025 record.	W 18	Determine if the bad 239 should be valid or not and update with NGV299.
240	240 Doc Nbr	025 MISMATCH REC 240 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 240 KY U691GE00000013	A bad 240 detail is linked to the 025 record.	W 18	Determine if the bad 240 should be valid or not and update with NGV299.
241	241 Doc Nbr	025 MISMATCH REC 241 KY U691GE00000013 VL 016KJK10GFW691GE MISMATCH 025 / 241 KY U691GE00000013	A bad 241 detail is linked to the 025 record.	W 18	Determine if the bad 241 should be valid or not and update with NGV299.
249/250	Serial Nbr	Duplicate prime KEY REC SNS VL 15469	Base has duplicate 249/250 serial numbers.	W 27	Determine actual serial numbers exist by using inventory.
249/250	Serial Nbr	ORG not found REC 249 Ky 387 VL A7920	A 920 detail exists for this Serial Nbr	W 15	Either add ORG 920 or delete the detail using NGV299
310	MAJCOM Cd	Mismatch MAJCOM for 516-ORG-CODE REC 310 KY 4Z	MAJCOM code from 516 record doesn't match 310 record. List MAJCOM codes on 516 and 310.	W 48	If 516 MAJCOM code is wrong, use FOR input to change. If 310 is incorrect, use NGV068 or NGV299 to change.
311	SD	No match SD REC 311 KY 0 VL A4	SD PFMR data exits but there is no SD record in the 001 as it has been rehomed	W 11	Verify status of missing SD and delete erroneous information using NGV299
510	SD/Sample Inv Record Code	Duplicate prime KEY REC 510 VL	The 510 record has been initialized and contains no values for any SD or SAMPLE INV RECORD CODE.	W 27	Process M10 and A02 with a dash in position 70.
515	SD/ISSL Nbr	No match SD REC 515 KY 82940137 F VL 82	NGV530 data file contained skewed ISSL images, therefore allowing invalid SD's to be loaded.	W 11	Delete 515 records with NGV530 or use NGV299.

516	N/A	Invalid 516-M-AND-S-GROUP 049	Media & Status codes are invalid/blank for org code 049.	W 43	Using screen 458, inquiry bad org record, then screen 457 should be populated. Correct M & S code and transmit.
516	Org Code	No match SD REC 516 KY 516-ORG-CODE VL 047	SD A7 has been rehomed, but nobody deleted 516 record using FOR. Step 143 of rehome instructions.	W 11	Delete ORG using FOR input.
519	Ship to SRAN	Invalid 519-SHIP-TO-SRAN KY HR1	SHIP-TO-SRAN does not contain valid data.	W 38	Process FRD to correct or use NGV299
521	SD/ Initials / Input imag	Duplicate Prime key Rec 521 VL 01NMW 1SZCANGV42 AFOSI	Record shows multiple time is system	W 27/28	Verify that at least one Transfers During Migration. These are deleted on a daily basis There should be no special action required.
530	SD/NSN/ Whse Loc	Duplicate prime KEY REC 530 VL A15998011401272SA1 1A013J093	Duplicate 530 records exist.	W 27	After warehouse validation (R36) has processed, ensure it is immediately backed out (dash in pos 72).
523	TRIC/SD/ Doc Nbr	No match SD REC 523 KY RECEAFB604220439102	Erroneous SD or not loaded is in positions 55-56 of input.	W 11	Using NGV818R, delete erroneous reject.
543	Org Code	Org not found REC 543 KY 009EC VL 009	Org code 009 not loaded.	W 15	Process 1DE to delete erroneous delivery destination.
543	543 Calc Key	Invalid 543-SYS-DESIG KY 0051X	The 543-SYS-DESIG is blank for 543-CALC-KEY 0051X	W 38	Process 1DE to load or delete 543 record using NGV299
543	SD/Delivery Dest or Org Code	Calc Key in error REC 543 KY A5	543-CALC-KEY is erroneous.	W 41	Try deleting with 1DE. If necessary, use NGV299.
556	Doc Nbr	No match SD REC 556 KY 50300392 VL A7	SD A7 has been rehomed, but 556 records still exist.	W 11	Delete 556 records with NGV299.
557	557 Calc Key	Invalid 557-DODAAC KY 0018ALS70000 VL	An orphan 557 exists for a 518 record that has been deleted.	W 48	Delete with XSE input or NGV299
628	SD/SRD/ Type Metrics	No match SD REC 628 KY A7]]]A VL A7	SD A7 has been rehomed, but D31 wasn't processed to delete 628 records.	W 11	Delete 628 records using D31 if 106 record exists. If not, use NGV299 to delete.

629	SD/Org Code/ Type Metrics	No match SD REC 629 KY A7$$$A VL A7	SD A7 has been rehomed, but D31 wasn't processed to delete 629 records.	W 11	Delete 629 records using D31 if 106 record exists. If not, use NGV299 to delete.
630	SD/CWT/ Type Metrics	No match SD REC 630 KY A7 A VL A7	SD A7 has been rehomed, but D31 wasn't processed to delete 630 records.	W 11	Delete 630 records using D31 if 106 record exists. If not, use NGV299 to delete.
631	SD/Group/ Type Metrics	No match SD REC 631 KY A708C VL A7	SD A7 has been rehomed, but D31 wasn't processed to delete 631 records.	W 11	Delete 631 records using D31 if 106 record exists. If not, use NGV299 to delete.

ATTACHMENT 3C-1

NGV301M DOWNLOADED RECORD CODES

3C1.1. NGV301M Downloaded Record Codes.

RECORD_CODE RECORD_NAME

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001 BASE-CONSTANTS-1

002 SPECIAL-CONTROL

003 EXCEPTION-PHRASES

007 ROUTING-IDENTIFIER

008 SRD-RECORD

014 BASE-CONSTANTS-2

017 ITEM-WHSE-LOCATION

022 COST-RECORD

024 MRSP-IRSP-SERIAL-NUMBER

025 MRSP-IRSP-CONTROL

031 DIRECT-DELIVERY-HAEDER

101 ITEM-RECORD

102 REPAIR-CYCLE

105 ISG-RECORD

106 SYSTEM-DESIGNATOR

107 SRD-CONSUMPTION

109 MICAP-AWP-RECORD

111 ONLINE-MGMT

201 AUTHORIZED-IN-USE-DETAIL

202 DUE-IN-DETAIL

203 DUE-IN-FROM-MAINTENANCE-DETAIL

204 UNSERVICEABLE-DETAIL

205 DUE-OUT-DETAIL

206 EXCESS-REPORT-DETAIL

207 EOQ-CONSUMPTION-DETAIL

208 STATUS-FLP-MILSTRIP-DETAIL

210 STATUS-LOCAL-PURCHASE-DETAIL

211 STATUS-SHIP-DETAIL

214 REM-VEHICLES-ONLY-DETAIL

216 ADJUSTED-LEVEL-DETAIL

217 MASTER-BENCH-STOCK-DETAIL

218 SUPPLY-POINT-DETAIL

220 RDO-SUSPENSE-DETAIL

222 PART-NBR-DETAIL

224 SHIPMENT-SUSPENSE-DETAIL

225 SPRAM-DETAIL

228 MICAP-SUSPENSE-DETAIL

232 MSK-DETAIL

233 SPECIAL-SPARES-DETAIL

234 HPMSK-DETAIL

235 PROJECT-DETAIL

237 NON-AIRBORNE-MRSP-DETAIL

239 AIRBORNE-MRSP-DETAIL

240 WRM-IRSP-SPARES-DETAIL

241 WRM-WCDO-SPARES-DETAIL

249 SERIALIZED-CONTROL-DETAIL

250 IN-USE-SERIALIZED-CONTROL

310 A-F-VARIABLE-DATA

311 PROJECT-FUNDS-MGMT

332 MACR-GSD-PART2

333 MACR-GSD-PART2-1FY

334 MACR-GSD-PART2-2FY

501 INV-ACCR-ACCT-BE-COMPLETE

502 INV-ACCR-ACCT-BE-SPECIAL

503 INV-ACCR-ACCT-BE-ID-CHNGE

504 INV-ACCR-ACCT-BE-SAMPLE

507 INV-ADJUSTMENT-CONTROL

508 INV-ADJUSTMENT-BASIC

509 INV-ADJ-SAMPLE-INV-CERT

510 SAMPLE-INVENTORY-SUSPENSE

515 ISSL-DATA-RECORD

516 ORG-COST-CENTER-000-099

518 ORG-COST-CENTER-100-999

519 SHIPPING-DESTINATION

521 DAILY-REJECT-SUSPENSE

523 CUMULATIVE-REJECT-SUSPENSE-1

530 LOCATION-VALIDATION

532 CIC-1RS-EIC-INVENTORY

534 IRC-1RR-INVENTORY

536 BENCH-STOCK-ISSUE

543 DELIVERY-DESTINATION

556 TAR-IMAGE-HOLD

557 ROF-IDENTITY

600 BASE-SUPPLY-MGMT-CONTROL

602 CUSTOMER-SUPPORT-EFFECTIVENESS

603 WEAPON-SUPPORT-EFFECTIVENESS

604 GROSS-NET-AVAILABILITY

605 BENCH-STOCK-SUMMARY

606 RETAIL-OUTLET-DATA

607 REPAIR-CYCLE-ASSET-CONTROL

609 MICAP-ANALYSIS

610 DUE-OUT-ANALYSIS

611 REASON-FOR-NON-AVAILABILITY

612 CUSTOMER-WAIT-TIME

613 DUE-OUT-SCHEDULE

614 DUE-OUT-CANCELLATION-SUMMARY

615 REQUISITION-SUMMARY

616 DUE-IN-SUMMARY

617 INVENTORY-CONTROL-DATA

618 AVG-INVENTORY-INVESTMENTS

619 EXCESS-STRATIFICATION

620 TRANSACTION-SUMMARY

621 SUPPLY-RECORD-COUNT

622 ITEM-RECORD-DATA

623 MONTHLY-INVENTORY-ACCY-STRAT

624 FY-INVENTORY-ACCY-STRAT

625 MGMT-RPT-CONTROL-TABLE

628 METRICS-ISE-DATA

629 METRICS-RCM-DATA

630 METRICS-CWT-DATA

631 METRIC-RCM-CNTL-DATA

701 CT-DATE-SYS-DESIG

704 CT-HISTORY

706 CT-DELINQUENT-SOURCE

707 CT-DOCUMENT-CONTROL

708 CT-DELINQUENT-TRIC

901 TRANSACTION-HISTORY

107 Total Records